



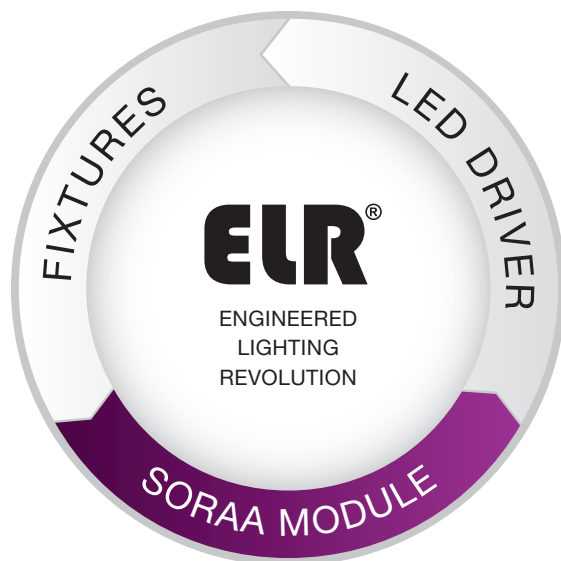


Modular Design Concept

ELR takes a step further with our modular design concept in collaboration with SORAA, one of the leading partners in the lighting industry.

We present a new series of luminaires by uniting all expertise with our partners and complimenting each other harmoniously.

This exciting collaboration features state of the art LED driving technology, unparalleled LED spectrum and quality, combined with well-designed fixtures, creating the utmost comfortable yet functional lighting ambience that enhances decorative and architectural elements.



PROUDLY DESIGNED



UNITED
KINGDOM

ELR CO., LTD. has a policy of continual product development and reserves the right to change specifications and product codes without prior notice at any time. Please refer to the website for up-to-date specifications.

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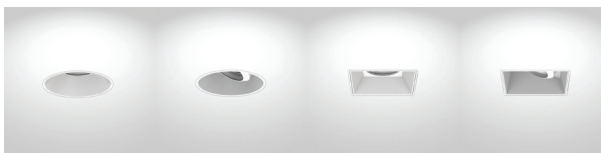


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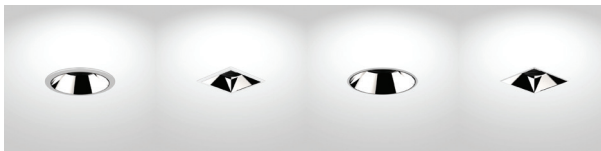


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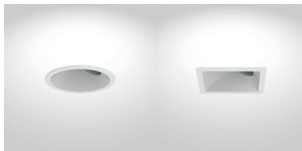
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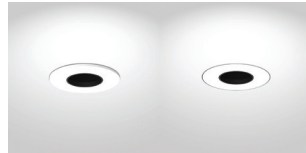
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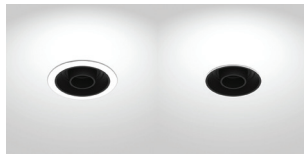
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Product Overview

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Product Overview

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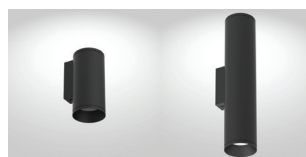


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Modular Design Concept



SLE16



SLE11



MR16

Flexible

Lighting requirements may need some tweaks during or after commissioning. ELR's range of fixtures offers the unique feature of interchangeable LED modules, and the flexibility to add-on up to two layers of soft lens, anti-glare louvre or filters on site. This feature provides full flexibilities for lighting designers to optimize the required lighting effect instantly and easily.

Upgradable LED Module

A modular construction of LED engines, drivers and add on accessories that ensures the future upgradability of our range of luminaires. Driver & LED modules are easily connected through a simple plug-and-play connector system.

Series of Design

Based on concepts of homogeneity and harmony, ELR luminaires are designed to maintain their features and aesthetics throughout the adaptation of different lighting level and power requirement.

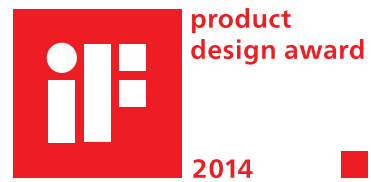
Future Proof

"Luminaires should allow for universal lamp/light engine replacement for serviceability, upgrade and future-proofing"

Technologies change, but your light fixtures don't have to. ELR recognise that the latest technology now won't be in years to come. With our interchangeable LED modules and sizes that are compatible to universal lamp standards, you can keep up with the latest technologies without the need to replace your fixtures.

ELR modular down lights are made to suite most modern and demanding lighting applications today.

Our design takes user experience into consideration and creates a system that easily allows change of power, beam distribution and tilting angle, without risk of damaging the ceiling. ELR down light fixtures are constructed with die-cast aluminium to ensure rigidity, quality and light weight. LED modules are innovatively designed to be small and light weight, but still maintaining powerful light output. All parts are combined into a complete luminaire system with simple “click-n-lock” method and also “plug-and-play” power connection for easy installation.



Performance LED Driver

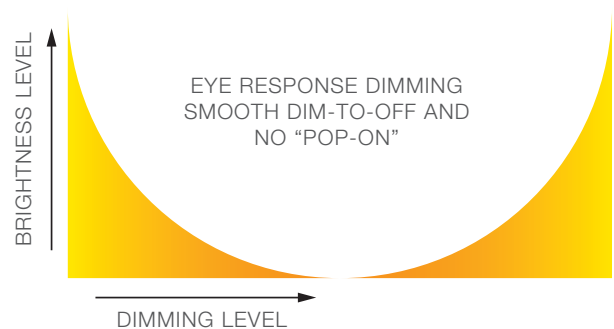


Smooth Dim-to-off and No “pop-on”

Our eyes are very sensitive to dark conditions; we can see objects even in dim moonlight. A slight change of brightness level in the dark can be very noticeable to the human eye. As ELR focus to provide the best comfort of light and dimming experience to our customers, our luminaires are designed to have a smooth dimming transition from 100% brightness to 0.1%, and from 0.1% smoothly dim to completely light off. Vice versa, from completely light off to on, the transition is smoothen out to light up gradually with a similar effect to sunrise. We call it the smooth dim-to-off and no “pop-on” effect.

Eye Response Dimming

The human eye has a non-linear response to the brightness of light. The adaptation of our pupils to bright light greatly differs when being in a darker environment. It is scientifically proven that this is a logarithmically response. ELR LED drivers provide dimming curves to match the human eye response for maximum comfort and a luxurious feeling of the dimming effect.



ComfyEYE – Reduced Flicker Percentage

Light oscillates, but normally at very high frequencies not noticeable by the human eye. Therefore our instantaneous perception is a continuous ray of light. Just like TV or computer screens having their own defined oscillating refresh rate, otherwise known as frame rate. Nowadays with our power grid running at 50Hz or 60Hz, artificial light is prone to oscillate at 100Hz or 120Hz. Since this oscillation frequency is low, it's easier for the human eye to perceive a stroboscopic effect that may cause discomfort and health concerns to some.

In order to provide comfortable light experience, the ComfyEYE aspect embedded in ELR LED driver technology minimises light flicker percentage, which is the measurement of peak-to-peak contrast of light output. By reducing light flicker percentage below certain threshold at lower frequencies, ComfyEYE eliminates stroboscopic effect and prevents our eyes from being strained to perceive light as continuous.



ATePS™ Advanced Thermal Protection System

ATePS™ is an intelligent combination of superior LED engine, electronics and heat management firmware. The heart of ATePS™ is ELR's proprietary thermal feedback system. In the event of abnormally high ambient temperature conditions, ATePS™ actively regulates the LED engine temperature through algorithmic fine-tuning without any user intervention, maintaining maximum possible light output without sacrificing the service life of the LED engine.



Multi-Dim Driver Technologies (MDD)

Multi-Dim breakthrough from the traditional of “one driver one dimming methods approach”, and within the attractive cost structure, Multi-Dim technologies pack up-to 4 dimming methods, DALI, 0/1-10V, Phase and Resistor, within a single LED driver.

We have two offering with Multi-Dim Technologies, MDD-3 and MDD-4.

MDD-3 – Three dimming methods 0/1-10V, Phase and Resistor

MDD-4 – Four dimming methods DALI, 0/1-10V, Phase and Resistor



(PH)



(AN)



(DA)



SORAA

Soraa GaN-on-GaN™ Technology

Soraa pioneered full spectrum color rendering LED light with its proprietary LED technology that focus on every aspect of producing the most natural light possible. Its unique Soraa GaN-on-GaN™ LED design produces a perfect crystal structure that allows much higher current density to be driven through the LED, producing very bright light while maintaining exceptional energy efficiency with minimal droop.

Single Light Source

A high lumen density enables more light output from a single LED light source, giving more flexibility to design and control of lighting environment with a single visible point of light. The light output replicates the illumination of standard halogen lamps, yet offering better beams, patterns, and shadowing than halogens.

Soraa VIVID Color™ and Soraa Natural White™

All Soraa VIVID lamps feature the right amount of spectral content from violet to deep red in every wavelength from 400nm to 700nm with 95 CRI, R9>95 and Rw 100 typical Soraa's whiteness methodology means we render white faithfully, matching or exceeding that of halogen and incandescent sources at 2700K and 3000K.

Soraa Point Source Optics™

Soraa LED lamps utilise perfect beam profiles to produce beautiful, high-intensity and uniform beams within a very slim form factor. They deliver a perfect circular beam, with the right amount CBCP and field, minimal spill, soft transitions and high center-to-edge color consistency.



Soraa SNAP System™

An innovative set of magnetic attachment filters and lenses that can be used with Soraa's range of narrow beam LED lamps to completely redefine the accessories applications. Beam shapes can be altered and color temperature can be modified, allowing endless design and display possibilities.

Perfect Fit and Performance

Soraa lamps conform to the ANSI standard, and will fit with standard lighting fixtures when used as specified. Moreover the light weight construction makes it suitable for use with fixtures not designed for heavy lamps. Soraa lamps are also fully UL listed for both low voltage Class 1 and Class 2 transformers, therefore giving the flexibility of driver choice without violation of safety standards. When powered with high performance drivers, there will be no blinking, buzzing and can be perfectly dimmed with many common leading-edge or trailing-edge dimmers.

SORAA

SERIES



"We leverage science to produce unparalleled spectrum and quality, bringing nature's light indoors to make illumination something to see and experience."

Soraa is derived from "sky" in Japanese Kanji, inspired by its founder Shuji Nakamura's dedication to create a light source that would match the characteristics of our most natural illumination: the sun. This ambitious endeavour takes continuous effort and innovation of lighting technology in order to improve lives and lifestyles. With commitment to research, insights and expertise, breakthrough products are developed to make light look and feel better, enhancing our well-being, productivity and emotion.

Soraa's unparalleled spectrum and quality brings nature's light indoors to make illumination something to see and experience. Therefore professionals choose Soraa for an unmatched quality of light, bringing atmosphere and emotion to life in the spaces they design.

SLE16

Soraa LED Optical Light Engine



Soraa Point Source Optics™

- Exceptional beam control from 25 degrees to 36 degrees flood with smooth uniform light distribution

Soraa VIVID Color™ and Soraa Natural White™

- Accurate color rendering and white rendering based on light emission across the full visible range from 400nm to 700nm
- Colour rendering index available in CRI 95

Soraa SNAP System™ Compatible

- Narrow spot versions compatible with Soraa SNAP for flexible light distribution adjustment and white point change

Integrated Temperature Sensor

- Reference point temperature readout enables in situ, in fixture temperature assessment
- Works with ATePS™ smart thermal dimming to protect LED lifetime
- 50,000 hours to L70 and color stability based on CCT, at specified operating conditions. Projections based on LM-80 testing
- Luminous flux ranging from 435lm to 900lm
- 3 steps MacAdam ellipse binning
- Powered by external LED driver with phase/0-10V/DALI dimming protocol options
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%**
- UL8750 recognized
- CE, RoHS

APPLICATION

- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

AVAILABLE OPTIONS

LED MODULE



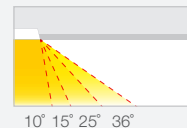
SLE16

TEMPERATURE

2700K, 3000K, 4000K

BEAM ANGLE

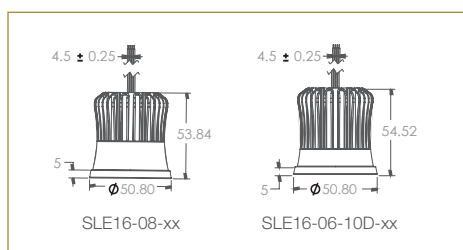
SLE16



DRIVER



DIMENSIONS (MM)



For latest specifications please refer to website.

Data will be subject to change without notice.

** Optical flicker percentage is measured at maximum output

SORAA SERIES - SLE16

Ordering Matrix Chart

LED MODULE

Reference Number	CCT (K)	CRI	Beam Angle	Field Angle	Optimal Drive Current (mA)	Peak Intensity (Cd)	Nominal Power Consumption (W)	Luminous Flux (lm)	SNAP Compatible
SLE16-06-010D-927-03-01	2,700K	95	10	20	290	6370	8.1	435	Yes
SLE16-08-015D-927-03-01	2,700K	95	15	30	440	5940	12.2	680	Yes
SLE16-08-025D-927-03-01	2,700K	95	25	40	440	3960	12.2	680	
SLE16-08-036D-927-03-01	2,700K	95	36	60	440	1900	12.2	680	
SLE16-06-010D-930-03-01	3,000K	95	10	20	290	6710	8.1	460	Yes
SLE16-08-015D-930-03-01	3,000K	95	15	30	440	6260	12.2	720	Yes
SLE16-08-025D-930-03-01	3,000K	95	25	40	440	4170	12.2	720	
SLE16-08-036D-930-03-01	3,000K	95	36	60	440	2010	12.2	720	
SLE16-06-010D-940-03-01	4,000K	95	10	20	290	7040	8.1	480	Yes
SLE16-08-015D-940-03-01	4,000K	95	15	30	440	6570	12.2	755	Yes
SLE16-08-025D-940-03-01	4,000K	95	25	40	440	4370	12.2	755	
SLE16-08-036D-940-03-01	4,000K	95	36	60	440	2110	12.2	755	

Notes:

1. The rated driving currents are for reference only; they lead to a lifetime of 50,000 hrs when used with the heatsink specified, at free air and 25°C ambient. The Light Engines must be tested thermally inside a fixture, to ensure they work at the desired temperature. Performance, lifetime and warranty are subject to the engine's working and storage temperature, and driving current. For the specific current-temperature combinations, consult the Application Guide.
2. Beam angle defined at 50% of peak intensity.
3. Field angle defined at 10% of peak intensity.

Data will be subject to change without notice.

SLE11

Soraa LED Optical Light Engine



Soraa Point Source Optics™

- Exceptional beam control from 25 degrees to 36 degrees flood with smooth uniform light distribution

Soraa VIVID Color™ and Soraa Natural White™

- Accurate color rendering and white rendering based on light emission across the full visible range from 400nm to 700nm
- Colour rendering index available in CRI 95

Integrated Temperature Sensor

- Reference point temperature readout enables in situ, in fixture temperature assessment
- Works with ATePS™ smart thermal dimming to protect LED lifetime
- 50,000 hours to L70 and color stability based on CCT, at specified operating conditions. Projections based on LM-80 testing
- Luminous flux ranging from 405lm to 535lm
- 3 steps MacAdam ellipse binning
- Powered by external LED driver with phase/0-10V/DALI dimming protocol options
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%**
- UL8750 recognized
- CE, RoHS

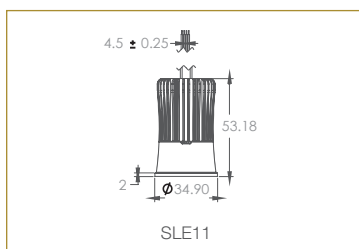
APPLICATION

- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

DIMENSIONS (MM)



AVAILABLE OPTIONS

LED MODULE

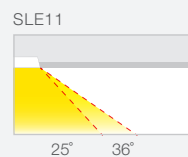


SLE11

TEMPERATURE

2700K, 3000K, 4000K

BEAM ANGLE



DRIVER



For latest specifications please refer to website.

Data will be subject to change without notice.

** Optical flicker percentage is measured at maximum output

SORAA SERIES - SLE11

Ordering Matrix Chart

LED MODULE

Reference Number	CCT (K)	CRI	Beam Angle	Field Angle	Optimal Drive Current (mA)	Peak Intensity (Cd)	Nominal Power Consumption (W)	Luminous Flux (lm)	SNAP Compatible
SLE11-06-025D-927-03-01	2,700K	95	25	40	240	2360	6.7	405	
SLE11-06-036D-927-03-01	2,700K	95	36	60	240	1140	6.7	405	
SLE11-06-025D-930-03-01	3,000K	95	25	40	240	2490	6.7	430	
SLE11-06-036D-930-03-01	3,000K	95	36	60	240	1200	6.7	430	
SLE11-06-025D-940-03-01	4,000K	95	25	40	240	2610	6.7	450	
SLE11-06-036D-940-03-01	4,000K	95	36	60	240	1260	6.7	450	

Notes:

1. The rated driving currents are for reference only; they lead to a lifetime of 50,000 hrs when used with the heatsink specified, at free air and 25°C ambient. The Light Engines must be tested thermally inside a fixture, to ensure they work at the desired temperature. Performance, lifetime and warranty are subject to the engine's working and storage temperature, and driving current. For the specific current-temperature combinations, consult the Application Guide.
2. Beam angle defined at 50% of peak intensity.
3. Field angle defined at 10% of peak intensity.

Data will be subject to change without notice.

MR16

Constant Current

Soraa Point Source Optics™

- Exceptional beam control enables unique 10° narrow spot and smooth uniform beams
- Single light source, single crisp shadow

Soraa VIVID Color™ and Soraa Natural White™

- VIVID series provides accurate color rendering across the visible spectrum from 400nm to 700nm, with CRI/95, R9/95, Rf/90, Rg/100
- Whiteness rendering matches or exceeds that of halogen and incandescent sources at 2700K and 3000K

Soraa SNAP System™ Compatible

- Narrow spot versions compatible with Soraa SNAP for flexible light distribution adjustment and white point change

Integrated Temperature Sensor

- Reference point temperature readout enables in situ, in fixture temperature assessment
- Works with ATePS™ smart thermal dimming to protect LED lifetime
- 35,000 hours to L70 and color stability based on CCT, at specified operating conditions
- Luminous flux ranging from 485lm to 580lm
- 3 steps MacAdam ellipse binning
- Powered by external LED driver with phase/0-10V/DALI dimming protocol options
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%**
- Suitable for damp locations
- UL8750 recognized
- CE, RoHS



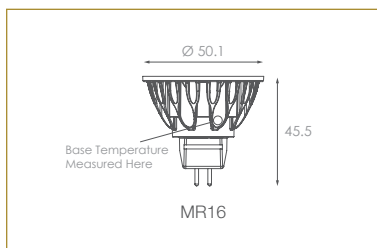
APPLICATION

- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

DIMENSIONS (MM)



AVAILABLE OPTIONS

<p>LED MODULE</p> <p>MR16</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>
<p>BEAM ANGLE</p> <p>MR16</p> <p>10° 25° 36°</p>		<p>DRIVER</p> <p>PH AN DA</p>

For latest specifications please refer to website.

Data will be subject to change without notice.

** Optical flicker percentage is measured at maximum output

SORAA SERIES - MR16

Ordering Matrix Chart

LED MODULE

Reference Number	Product Code	CCT (K)	Beam Angle	Field Angle	Peak Intensity (Cd)	Luminous Flux (lm)	Efficacy (Lm/W)	90° Lumens	McA	EEl	SNAP Compatible
SM16C-CC1-10D-927-03-S3	01355	2,700K	10	17	7120	485	57	430	3	A	Yes
SM16C-CC1-25D-927-03-S3	01357	2,700K	25	39	2860	515	60	485	3	A	
SM16C-CC1-36D-927-03-S3	01359	2,700K	36	54	1360	515	60	470	3	A	
SM16C-CC1-10D-930-03-S3	01361	3,000K	10	17	7700	525	62	465	3	A	Yes
SM16C-CC1-25D-930-03-S3	01363	3,000K	25	39	3060	550	65	520	3	A	
SM16C-CC1-36D-930-03-S3	01365	3,000K	36	54	1460	550	65	505	3	A	
SM16C-CC1-10D-940-03-S3	01367	4,000K	10	17	8060	550	65	485	4	A	Yes
SM16C-CC1-25D-940-03-S3	01369	4,000K	25	39	3220	580	68	550	4	A	
SM16C-CC1-36D-940-03-S3	01371	4,000K	36	54	1520	580	68	530	4	A	

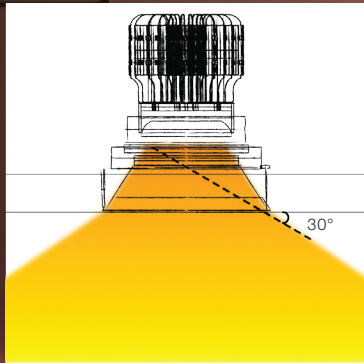
CCT: Correlated Color Temperature **McA:** White Point Accuracy in McA step

SNAP: SORAA SNAP System Compatible **EEl:** Energy Efficiency Index

*Specifications are at 300mA and 85°C body temperature.

Data will be subject to change without notice.

REDUCED GLARE



Luminaires with glare control assist and minimum 30° mechanical cut off angle from the light source. Reduced glare luminaires enhance the light comfort while preserving light output ratio efficiency. The reflector of reduced glare luminaires can be white powder coated to provide soft glow, or specular for “dark light” effect.

VASARI

DOWNLIGHT SERIES



ELR's premium recessed downlight luminaire. Inspired by ELR's own highly configurable LED modules, VASARI series offer a high degree of flexibility, aesthetics and functionality for the most discerning of applications. These outstanding attributes have been recognised by winning a 2014 iF product design award.

Flexibility is offered with a variety of frame sizes and shapes from which an assortment of trims, reflectors and accessories can be added. For an even more unique touch, individual components can be painted and configured to match whatever style and appearance is desired.

Furthermore LED modules can be easily interchanged to offer a variety of LED power, colour temperature and light distribution without completely removing the luminaire for the ceiling, saving time, and more importantly, protecting the finished ceiling surface from damage.



product
design award

2014



VASARI 3 ROUND FIX

Recessed Round Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




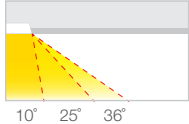
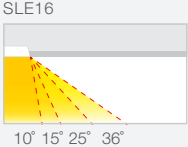








The information above is at nominal values accuracy of +/- 7%.

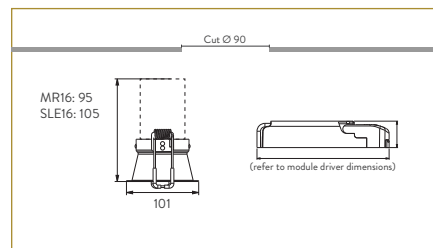
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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VASARI 3 ROUND TILT

Recessed Round Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




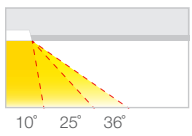
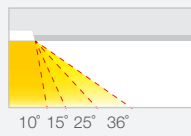








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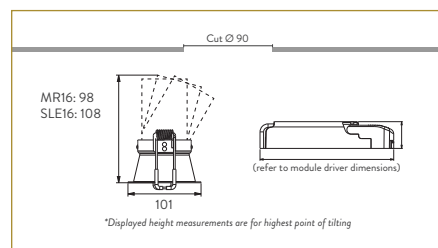
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



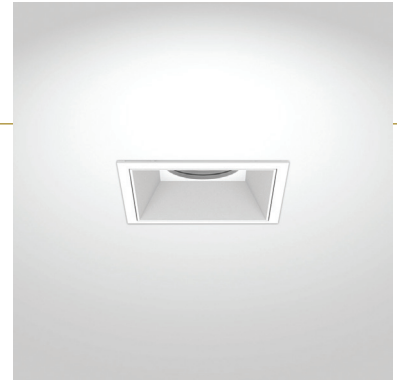
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VASARI 3 SQUARE FIX

Recessed Square Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




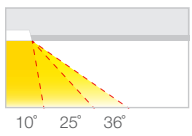
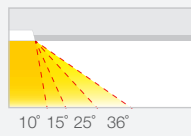








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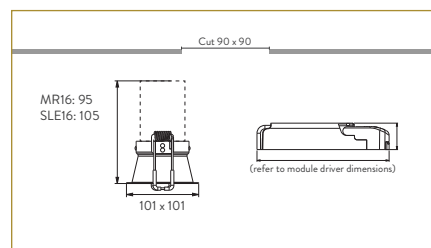
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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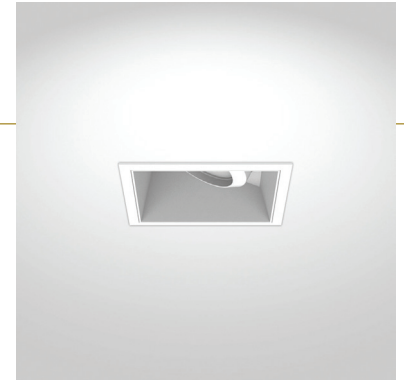
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VASARI 3 SQUARE TILT

Recessed Square Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




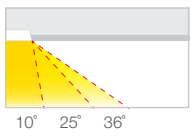
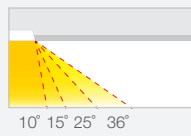








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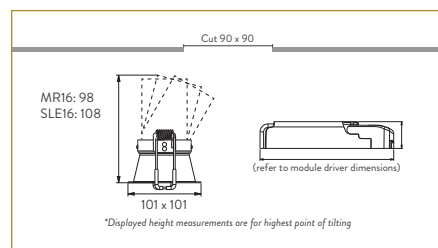
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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VASARI 3 ROUND FIX TRIMLESS

Recessed Round Fix Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




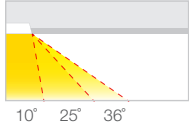
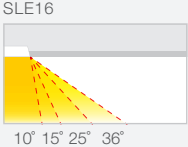








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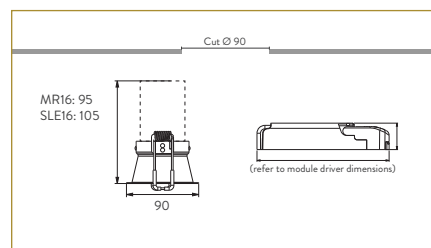
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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VASARI 3 ROUND TILT TRIMLESS

Recessed Round Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




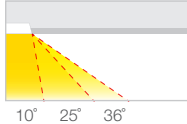
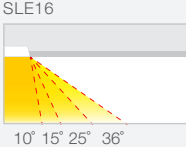








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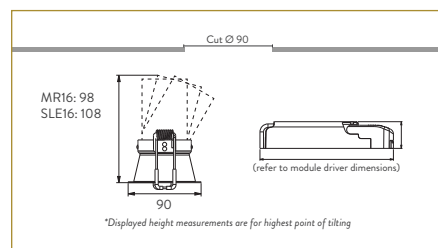
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



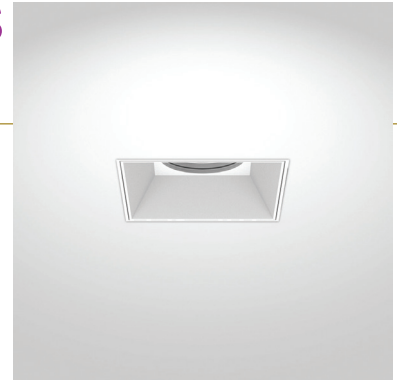
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VASARI 3 SQUARE FIX TRIMLESS

Recessed Square Fix Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




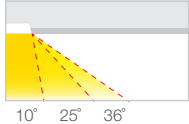
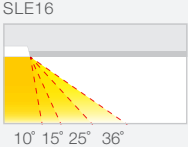








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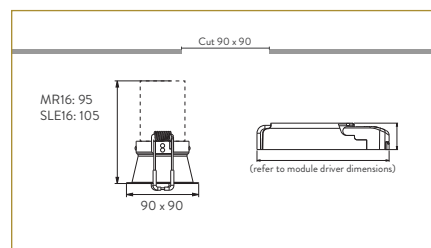
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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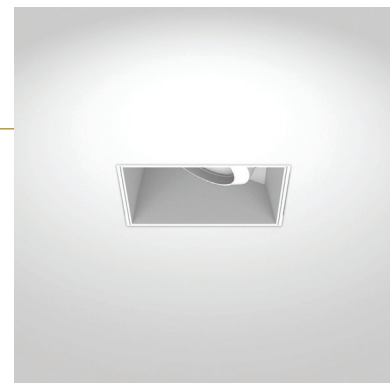
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VASARI 3 SQUARE TILT TRIMLESS

Recessed Square Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




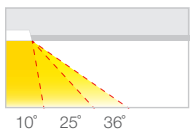
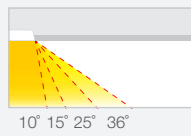








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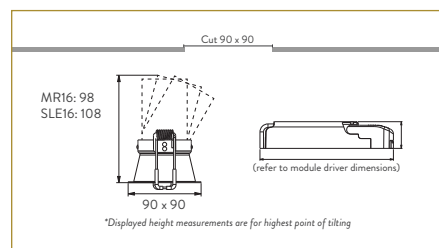
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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VASARI 3 Ordering Matrix Chart



MR16 FIX



MR16 TILT



SLE16 FIX



SLE16 TILT

FIXTURE

Type	Trim Options	Shape	Angle	Colour	Reflector Colour	Accessories
VASARI-3	—	—	—	—	—	—
	X TRIM	RD ROUND	FX FIX	WH MATT WHITE	WH MATT WHITE	NONE
	TRIMLESS	SQ SQUARE	TL TILT	MB MATT BLACK	MB MATT BLACK	AGL ANTI-GLARE LOURVE SL SOFT LENS
						IP IP54

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming
—

PH PHASE

AN 0-10V

DA DALI

PH PHASE

AN 0-10V

DA DALI

example: VASARI-3.X.RD.TL.WH.WH.SLE16.25.30.95.DA
Custom RAL colour options available.

VASARI

DOWNLIGHT, DARK LIGHT REFLECTOR SERIES



ELR's premium recessed downlight luminaire. Inspired by ELR's own highly configurable LED modules, VASARI series offer a high degree of flexibility, aesthetics and functionality for the most discerning of applications. These outstanding attributes have been recognised by winning a 2014 iF product design award.

Flexibility is offered with a variety of frame sizes and shapes from which an assortment of trims, reflectors and accessories can be added. For an even more unique touch, individual components can be painted and configured to match whatever style and appearance is desired.

Furthermore LED modules can be easily interchanged to offer a variety of LED power, colour temperature and light distribution without completely removing the luminaire for the ceiling, saving time, and more importantly, protecting the finished ceiling surface from damage.

VASARI 3 ROUND FIX, DARK LIGHT REFLECTOR

Recessed Round Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




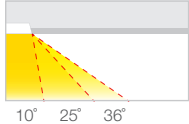
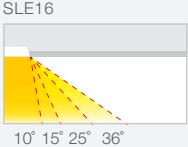








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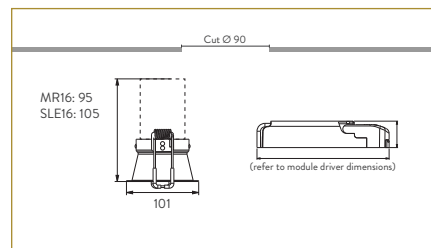
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
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VASARI 3 ROUND TILT, DARK LIGHT REFLECTOR

Recessed Round Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




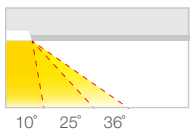
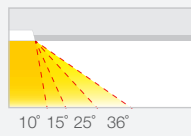








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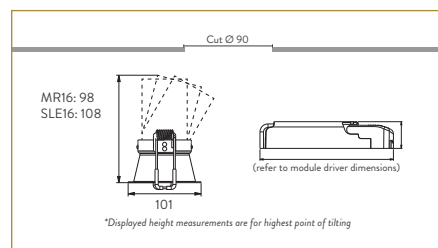
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



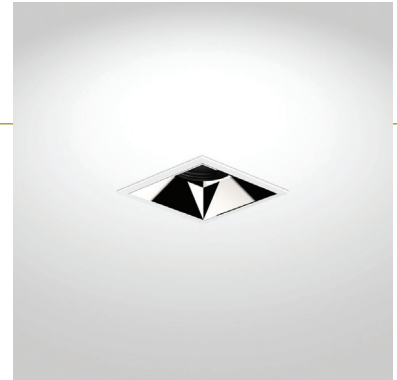
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Data will be subject to change without notice.



VASARI 3 SQUARE FIX, DARK LIGHT REFLECTOR

Recessed Square Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




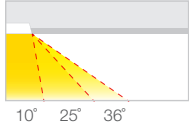
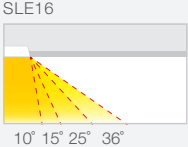








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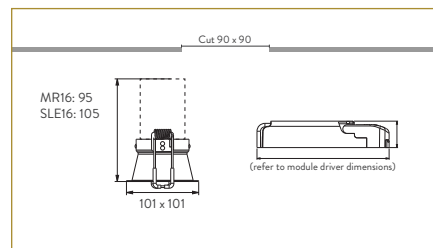
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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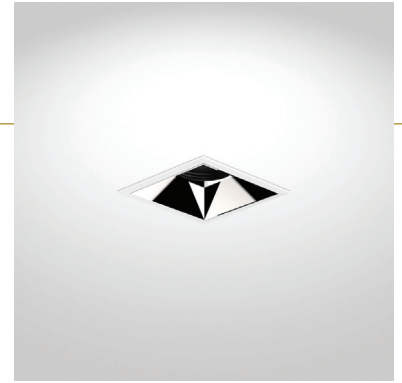
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VASARI 3 SQUARE TILT, DARK LIGHT REFLECTOR

Recessed Square Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




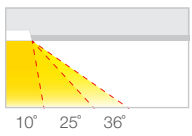
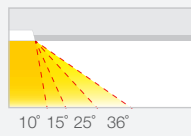








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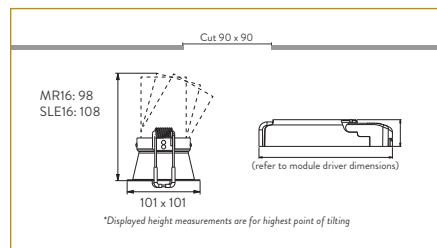
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>AN</p>  <p>DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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VASARI 3 ROUND FIX TRIMLESS, DARK LIGHT REFLECTOR

Recessed Round Fix Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 485lm to 580lm
 - SLE16 : 435lm to 900lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




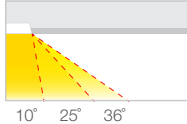
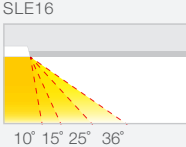








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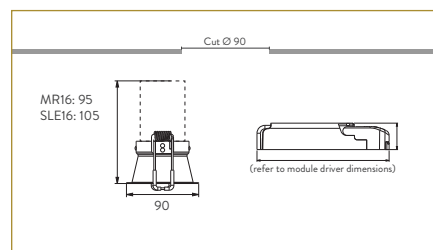
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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VASARI 3 ROUND TILT TRIMLESS, DARK LIGHT REFLECTOR

Recessed Round Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
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SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




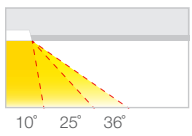
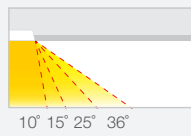








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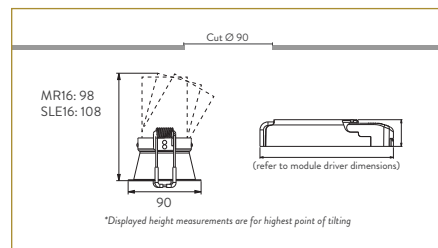
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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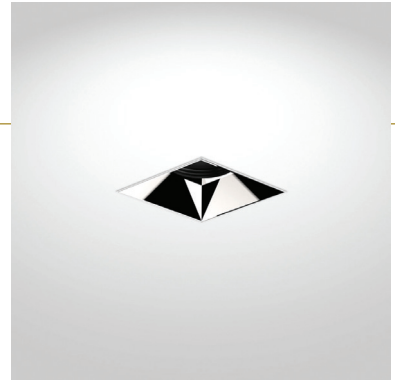


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VASARI 3 SQUARE FIX TRIMLESS, DARK LIGHT REFLECTOR

Recessed Square Fix Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
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SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




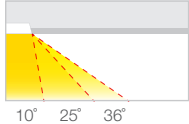
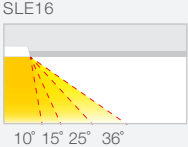








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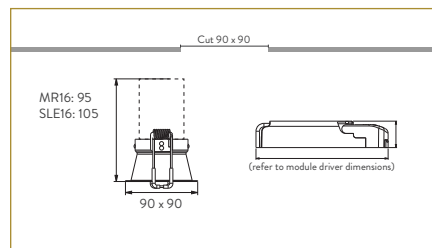
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



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VASARI 3 SQUARE TILT TRIMLESS, DARK LIGHT REFLECTOR

Recessed Square Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




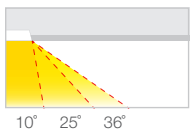
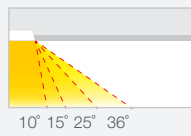








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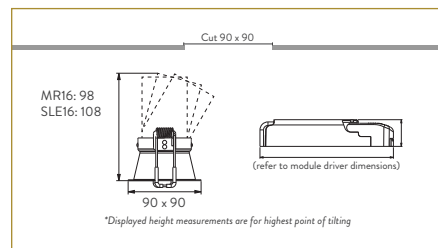
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>AN</p>  <p>DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



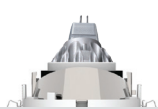
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2014

VASARI 3, DARK LIGHT REFLECTOR

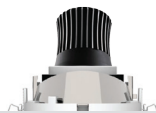
Ordering Matrix Chart



MR16 FIX



MR16 TILT



SLE16 FIX



SLE16 TILT

FIXTURE

Type	Trim Options	Shape	Angle	Colour	Reflector Colour	Accessories
VASARI-3	—	—	—	—	—	—
	X TRIM	RD ROUND	FX FIX	WH MATT WHITE	CR CHROME	NONE
	TRIMLESS	SQ SQUARE	TL TILT	MB MATT BLACK		AGL ANTI-GLARE LOURVE
						SL SOFT LENS
						IP IP54

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming
—

PH PHASE

AN 0-10V

DA DALI

PH PHASE

AN 0-10V

DA DALI

example: VASARI-3.X.RD.TL.WH.CR.SLE16.25.30.95.DA
Custom RAL colour options available.

VASARI

DOWNLIGHT WALLWASH SERIES



Extended from VASARI series of premium recessed downlight luminaires with 30° asymmetric wallwash effect. The luminaire incorporates ELR's signature modular concept, in which LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity design provides future proof upgrade and possibility for on-site maintenance.



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VASARI 3 ROUND, WALLWASH

Recessed Round Wallwash Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 485lm to 580lm
 - SLE16 : 435lm to 900lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- Wallwash at 30° with linear spreader lens
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional honeycomb anti-glare louvre











The information above is at nominal values accuracy of +/-7%.

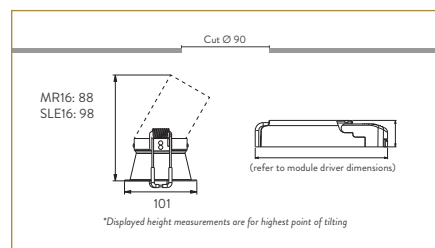
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>	 <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p>	<p>WALLWASH</p>  <p>60°</p>	<p>DRIVER</p>    <p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



*For latest specifications please refer to website.
Data will be subject to change without notice.*



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VASARI 3 SQUARE, WALLWASH

Recessed Square Wallwash Downlight Luminaire











- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm x 90mm cutout
- Wallwash at 30° with linear spreader lens
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional honeycomb anti-glare louvre

The information above is at nominal values accuracy of +/-7%.

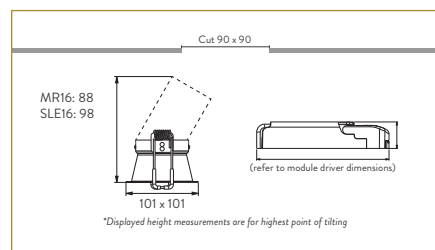
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>	 MR16  SLE16	<p>TEMPERATURE</p> 2700K, 3000K, 4000K	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p>	<p>WALLWASH</p>  <p>60°</p>	<p>DRIVER</p>  PHASE DIMMABLE (PH)  0-10V DIMMABLE (AN)  DALI DIMMABLE (DA)	
		<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



VASARI 3, WALLWASH

Ordering Matrix Chart



MR16 TILT



SLE16 TILT

FIXTURE

Type	Shape		Angle		Colour		Accessories
VASARI-3	—		—		—		
	RD	ROUND	WW	WALLWASH	WH	MATT WHITE	NONE
	SQ	SQUARE			MB	MATT BLACK	AGL ANTI-GLARE LOURVE

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: VASARI-3.RD.WW.WH.SLE16.36.30.95.DA
Custom RAL colour options available.

VECO

DOWNLIGHT SERIES



VECO are a series of “reduce glare” downlight designed with ELR’s signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity design provides future proof upgrade and possibility for on-site maintenance. Extension to BASIC series, VECO series provide reduced glare and ceiling-safe features, and ability to add “honeycomb”, soft lens and IP54 protection.

VECO 3 ROUND FIX

Recessed Round Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 485lm to 580lm
 - SLE16 : 435lm to 900lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




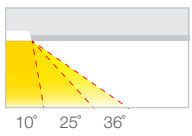
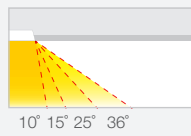








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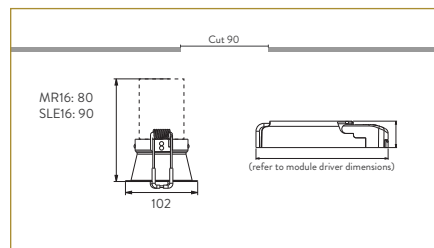
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>MR16</p> </div> <div style="text-align: center;">  <p>SLE16</p> </div> </div>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>MR16</p>  <p>10° 25° 36°</p> </div> <div style="text-align: center;"> <p>SLE16</p>  <p>10° 15° 25° 36°</p> </div> </div>		<p>DRIVER</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>PHASE DIMMABLE (PH)</p> </div> <div style="text-align: center;">  <p>0-10V DIMMABLE (AN)</p> </div> <div style="text-align: center;">  <p>DALI DIMMABLE (DA)</p> </div> </div> <p>ACCESSORIES</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>HONEYCOMB ANTI-GLARE LOUVRE</p> </div> <div style="text-align: center;">  <p>SOFT LENS</p> </div> <div style="text-align: center;">  <p>IP54</p> </div> </div>	

DIMENSIONS (MM)



COLOUR OPTIONS



*For latest specifications please refer to website.
Data will be subject to change without notice.*



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VECO 3 ROUND TILT

Recessed Round Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 90mm cutout
- +/-20° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




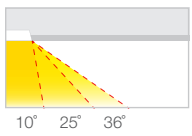
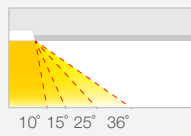








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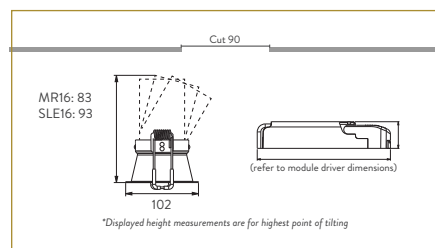
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



VECO 3 Ordering Matrix Chart



FIXTURE

Type	Shape		Angle		Colour		Accessories	
VECO-3	—		—		—		—	
	RD	ROUND	FX	FIX	WH	MATT WHITE		NONE
			TL	TILT	MB	MATT BLACK	AGL	ANTI-GLARE LOURVE
							SL	SOFT LENS
							IP	IP54

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: VECO-3.RD.TL.WH.SL.SLE16.25.30.95.DA
Custom RAL colour options available.



ANTARES

DOWNLIGHT SERIES



ANTARES are a series of “reduce glare” downlight designed with ELR’s signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity design provides future proof upgrade and possibility for on-site maintenance. Extension to BASIC series, ANTARES series provide reduced glare and ceiling-safe features, and ability to add “honeycomb”, soft lens and IP54 protection.

ANTARES 3 ROUND FIX

Recessed Round Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 83mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




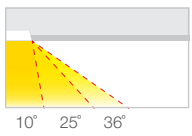
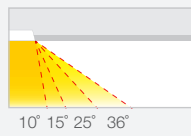








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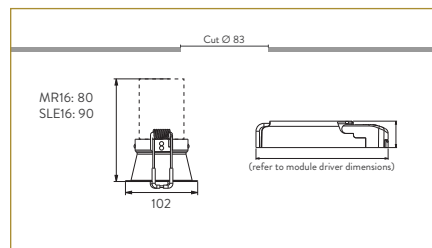
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



*For latest specifications please refer to website.
Data will be subject to change without notice.*



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ANTARES 3 ROUND TILT

Recessed Round Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 83mm cutout
- +/-20° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




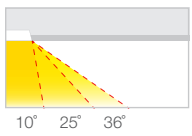
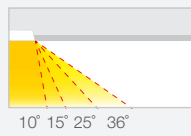








The information above is at nominal values accuracy of +/-7%.

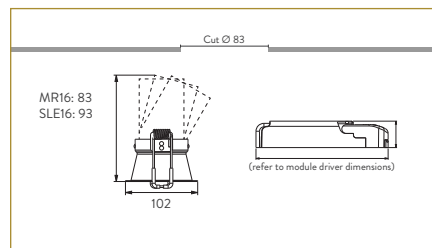
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



ANTARES 3 Ordering Matrix Chart



FIXTURE

Type	Shape		Angle		Colour		Accessories	
ANTARES-3	—		—		—		—	
	RD	ROUND	FX	FIX	WH	MATT WHITE		NONE
			TL	TILT	MB	MATT BLACK	AGL	ANTI-GLARE LOURVE
							SL	SOFT LENS
							IP	IP54

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming	
—	

PH PHASE

AN 0-10V

DA DALI

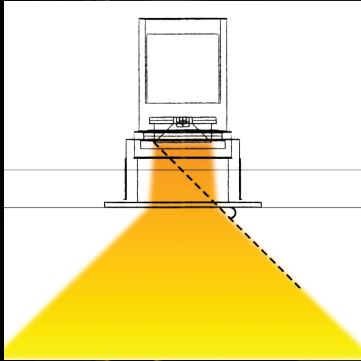
PH PHASE

AN 0-10V

DA DALI

example: ANTARES-3.RD.TL.WH.SL.SLE16.25.30.95.DA
Custom RAL colour options available.

PINHOLE



Luminaires with enhance glare control, light source is positioned a distance away from the opening of light exit aperture. Pinhole luminaires provide classy and elegant aesthetic to match the interior design, with “silent” ceiling and precise glare control.



ALTI

DOWNLIGHT SERIES



ALTI are a series of premium pinhole adjustable downlight with “specular silent ring” design. ELR’s signature modular concept allows fully interchangeable LED modules to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity design provides future proof upgrade and possibility for on-site maintenance. ALTI series also offer ceiling-safe features, and ability to add “honeycomb”, soft-lens and IP54 protection.

ALTI 3 ROUND TILT

Round Specular Pinhole Adjustable Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 83mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




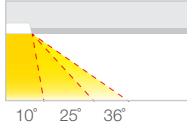
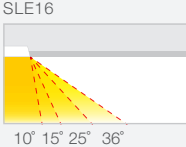








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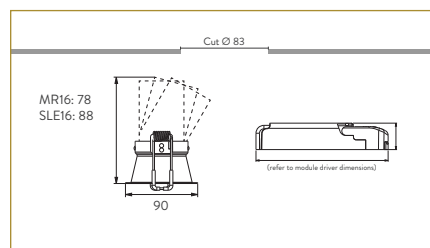
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

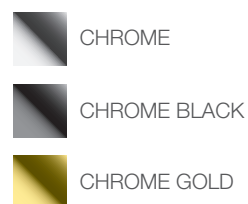
DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



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ALTI 3 Ordering Matrix Chart



MR16 TILT



SLE16 TILT

FIXTURE

Type	Shape		Angle		Colour		Reflector Colour		Accessories
ALTI-3	—		—		—		—		—
	RD	ROUND	TL	TILT	WH	MATT WHITE	CR	CHROME	NONE
					MB	MATT BLACK	CB	CHROME BLACK	AGL ANTI-GLARE LOURVE
							CG	CHROME GOLD	SL SOFT LENS
									IP IP54

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming	
—	

PH PHASE

AN 0-10V

DA DALI

PH PHASE

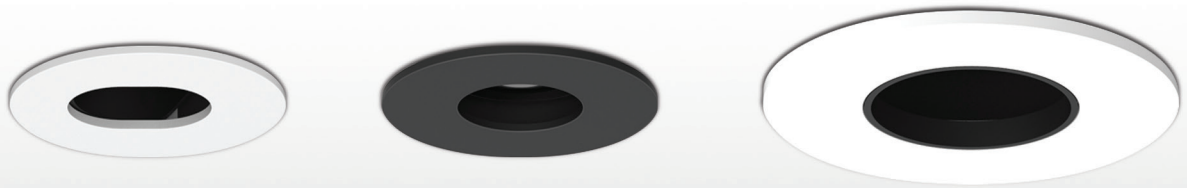
AN 0-10V

DA DALI

example: ALTI-3.RD.TL.WH.CG.SL.SLE16.20.30.95.DA
Custom RAL colour options available.

ECLIPSE

DOWNLIGHT SERIES



ECLIPSE are a series of premium pinhole adjustable downlight with “dark silent ring” design. ELR’s signature modular concept allows fully interchangeable LED modules to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity design provides future proof upgrade and possibility for on-site maintenance. ECLIPSE series also offer ceiling-safe features, and ability to add “honeycomb”, soft-lens and IP54 protection.

ECLIPSE 2 ROUND FIX

Recessed Round Fix Pinhole Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: SLE11: CRI 95
- Rated Lifetime: SLE11: 50,000 hours to L70
- Beam pattern options: SLE11: 25°, 36°
- Luminous flux: SLE11: 405lm to 535lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 54mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre


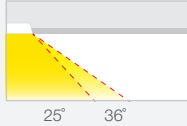








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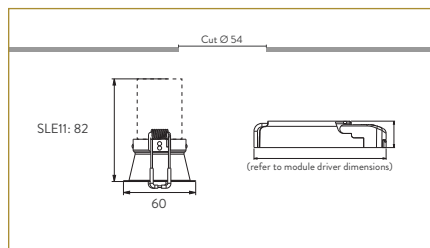
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>SLE11</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>
<p>BEAM ANGLE</p>  <p>SLE11</p> <p>25° 36°</p>		<p>DRIVER</p>    <p>(PH) (AN) (DA)</p> <p>ACCESSORIES</p>    <p>HONEYCOMB ANTI-GLARE LOUVRE SOFT LENS IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



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ECLIPSE 2 ROUND TILT

Recessed Round Tilt Pinhole Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: SLE11: CRI 95
- Rated Lifetime: SLE11: 50,000 hours to L70
- Beam pattern options: SLE11: 25°, 36°
- Luminous flux: SLE11: 405lm to 535lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 54mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre


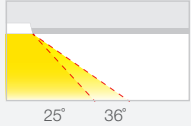








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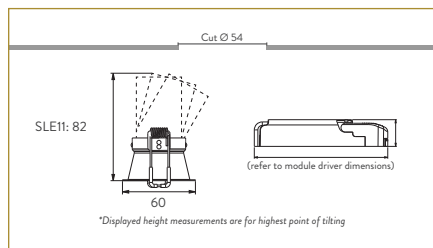
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AVAILABLE OPTIONS

LED MODULE	 SLE11	TEMPERATURE 2700K, 3000K, 4000K
BEAM ANGLE	SLE11 	DRIVER  PHASE DIMMABLE (PH)  0-10V DIMMABLE (AN)  DALI DIMMABLE (DA)
		ACCESSORIES  HONEYCOMB ANTI-GLARE LOUVRE  SOFT LENS  IP54

DIMENSIONS (MM)



COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



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ECLIPSE 2 Ordering Matrix Chart



SLE11 FIX

SLE11 TILT

FIXTURE

Type	Shape		Angle		Colour		Accessories	
ECLIPSE-2	—		—		—		—	
	RD	ROUND	FX	FIX	WH	MATT WHITE		NONE
			TL	TILT	MB	MATT BLACK	AGL	ANTI-GLARE LOURVE
							SL	SOFT LENS
							IP	IP54

LED MODULE

Type
—
SLE11 refer to page 18

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI

example: ECLIPSE-2.RD.FX.WH.SLE11.25.30.95.DA
Custom RAL colour options available.

ECLIPSE 3 ROUND TILT

Recessed Round Tilt Pinhole Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 83mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




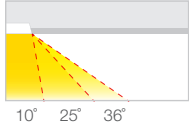
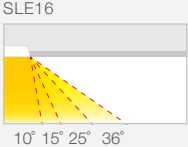








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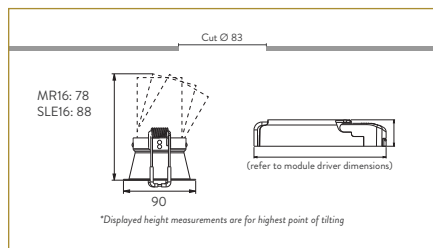
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>   	<p>ACCESSORIES</p>    <p>HONEYCOMB ANTI-GLARE LOUVRE SOFT LENS IP54</p>

DIMENSIONS (MM)



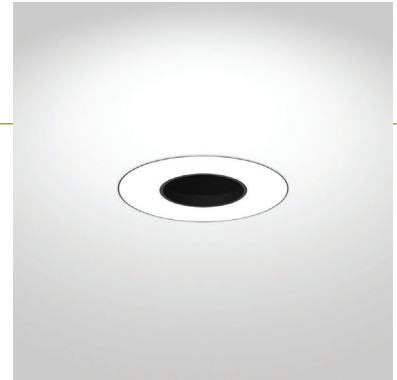
COLOUR OPTIONS



ECLIPSE 3 ROUND TILT TRIMLESS

Recessed Round Tilt Trimless Pinhole Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 95mm cutout
- +30° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




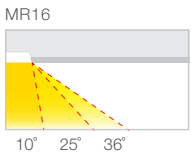
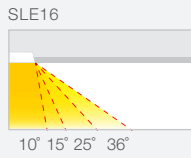








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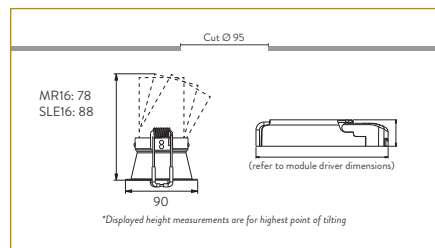
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



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ECLIPSE 3 Ordering Matrix Chart



MR16 TILT



SLE16 TILT

FIXTURE

Type	Trim Options	Shape		Angle		Colour		Accessories	
ECLIPSE-3	—	—	—	—	—	—	—	—	—
	TRIM	RD	ROUND	TL	TILT	WH	MATT WHITE		NONE
	X TRIMLESS					MB	MATT BLACK	AGL	ANTI-GLARE LOURVE
								SL	SOFT LENS
								IP	IP54

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming	
—	

PH PHASE

AN 0-10V

DA DALI

PH PHASE

AN 0-10V

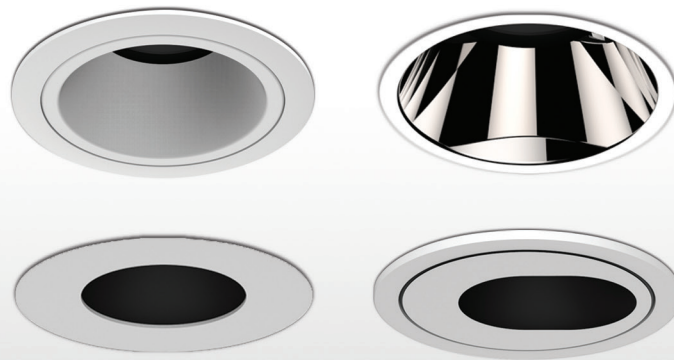
DA DALI

example: ECLIPSE-3.X.RD.TL.WH.SL.SLE16.25.30.95.DA
Custom RAL colour options available.



CASTOR

DOWNLIGHT SERIES



Designed with versatility, CASTOR series are built on a flexible platform with a wide range of accessories for creating tailored luminaires to suit most demanding application. For added discretion, CASTOR series are also available in trimless variants. With ELR's signature modular concept, LED modules can easily be interchanged to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity design provides future proof upgrade without the removal of luminaire from the ceiling, protecting finished surfaces and saving time.

CASTOR 3 MINI ROUND FIX, DARK LIGHT REFLECTOR

Recessed Round Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 77mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




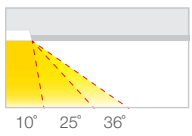
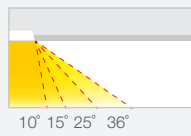








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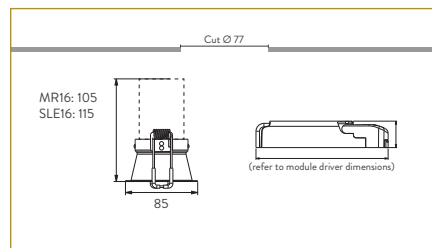
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



CASTOR 3 MINI ROUND TILT, DARK LIGHT REFLECTOR

Recessed Round Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 77mm cutout
- +20° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




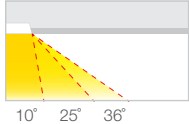
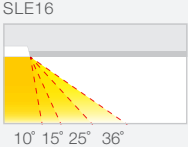








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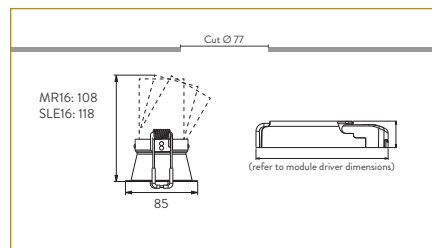
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



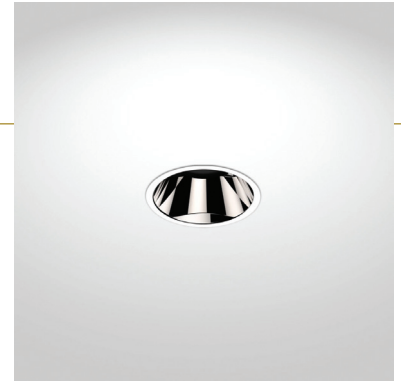
For latest specifications please refer to website.
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CASTOR 3 MINI ROUND FIX TRIMLESS, DARK LIGHT REFLECTOR

Recessed Round Fix Trimless Downlight Luminaire






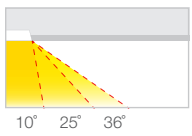
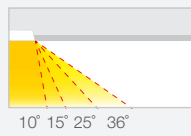






- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 76mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre

The information above is at nominal values accuracy of +/-7%.

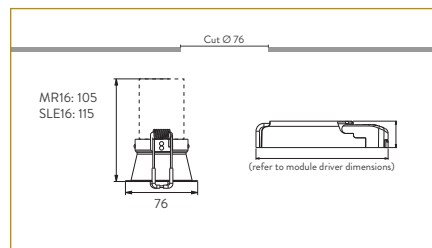
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



CASTOR 3 MINI ROUND TILT TRIMLESS, DARK LIGHT REFLECTOR

Recessed Round Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 76mm cutout
- +20° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




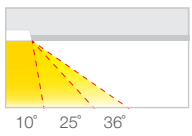
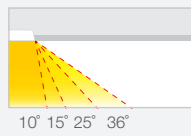








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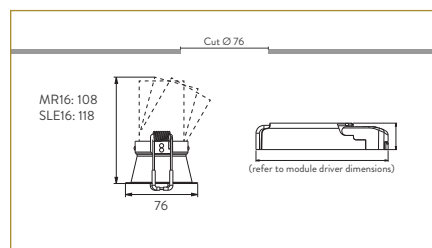
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



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CASTOR 3 MINI, DARK LIGHT REFLECTOR

Ordering Matrix Chart



MR16 FIX



MR16 TILT



SLE16 FIX



SLE16 TILT

FIXTURE

Type	Trim Options	Shape	Angle	Colour	Reflector Colour	Accessories
CASTOR-3MINI	—	—	—	—	—	—
	X TRIM	RD ROUND	FX FIX	WH MATT WHITE	CR CHROME	NONE
	TRIMLESS		TL TILT	MB MATT BLACK		AGL ANTI-GLARE LOURVE
						SL SOFT LENS
						IP IP54

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: CASTOR-3MINI.X.RD.TL.WH.CR.SL.SLE16.25.30.95.DA
Custom RAL colour options available.

CASTOR 3 MINI ROUND FIX

Recessed Round Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 77mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




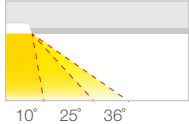
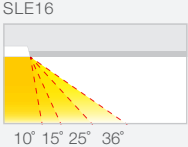








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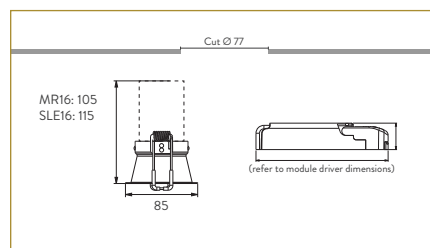
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



*For latest specifications please refer to website.
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CASTOR 3 MINI ROUND TILT

Recessed Round Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 77mm cutout
- +20° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




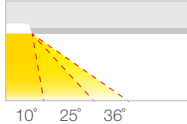
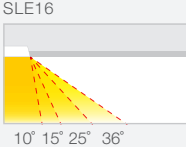








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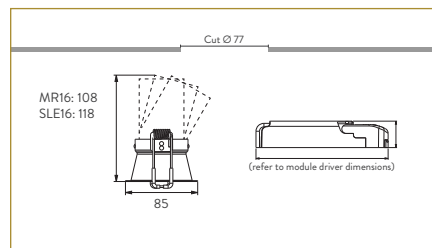
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>AN</p>  <p>DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



CASTOR 3 MINI ROUND FIX TRIMLESS

Recessed Round Fix Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 485lm to 580lm
 - SLE16 : 435lm to 900lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 76mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre







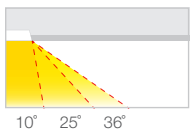
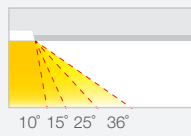





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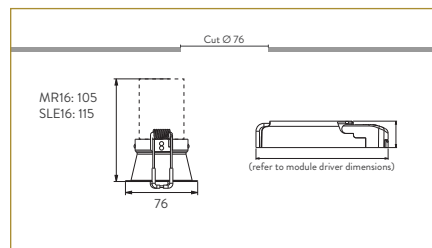
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p> <p>DRIVER</p>   	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>		<p>ACCESSORIES</p>    <p>HONEYCOMB ANTI-GLARE LOUVRE SOFT LENS IP54</p>	

DIMENSIONS (MM)



COLOUR OPTIONS

- MATT WHITE
- MATT BLACK

REFLECTOR COLOR OPTIONS

- MATT WHITE
- MATT BLACK

*For latest specifications please refer to website.
Data will be subject to change without notice.*



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CASTOR 3 MINI ROUND TILT TRIMLESS

Recessed Round Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 76mm cutout
- +20° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




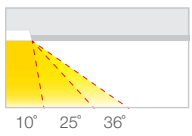
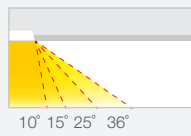








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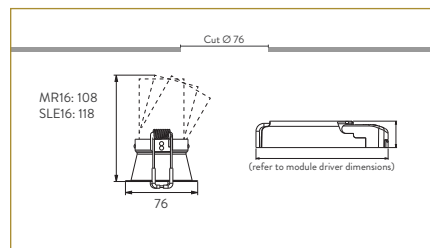
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>AN</p>  <p>DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



CASTOR 3 MINI Ordering Matrix Chart



MR16 FIX



MR16 TILT



SLE16 FIX



SLE16 TILT

FIXTURE

Type	Trim Options	Shape	Angle	Colour	Reflector Colour	Accessories
CASTOR-3MINI	—	—	—	—	—	—
	X TRIM	RD ROUND	FX FIX	WH MATT WHITE	WH MATT WHITE	NONE
	TRIMLESS		TL TILT	MB MATT BLACK	MB MATT BLACK	AGL ANTI-GLARE LOURVE
						SL SOFT LENS
						IP IP54

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming
—

PH PHASE

AN 0-10V

DA DALI

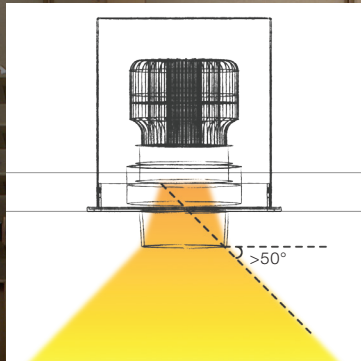
PH PHASE

AN 0-10V

DA DALI

example: CASTOR-3MINI.X.RD.TL.WH.WH.SL.SLE16.25.30.95.DA
Custom RAL colour options available.

SNOOT



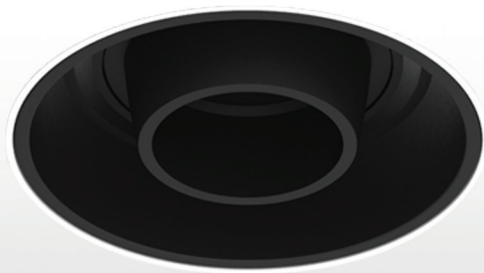
Luminaires with dark painted glare control snoot baffle, apply to the front of the light source and control the mechanical cut off angle to $>50^\circ$. Snoot luminaires enhance the light comfort and provide very directive light control towards the objects.

WORKS WITH
SORAA

• **ELR**[®]

ARTIS

DOWNLIGHT SERIES



ARTIS are a series of premium snoot multi-axis adjustable downlight designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity design provides future proof upgrade and possibility for on-site maintenance. ARTIS series also offer ceiling-safe features, and ability to install "honeycomb" antiglare louver and soft-lens.

ARTIS 3 ROUND TILT

Snoot Multi-Axis Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 110mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




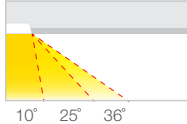
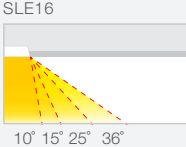







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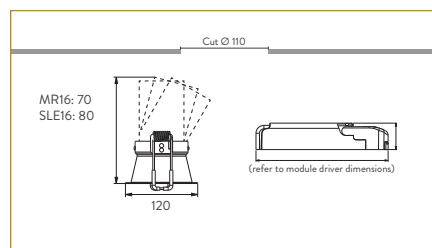
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

DIMENSIONS (MM)



COLOUR OPTIONS



ARTIS 3 ROUND TILT TRIMLESS

Snoot Multi-Axis Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 485lm to 580lm
 - SLE16 : 435lm to 900lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 110mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




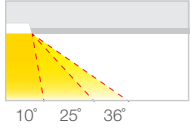
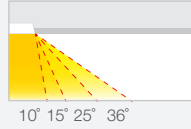







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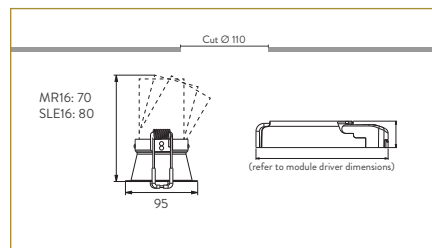
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>   	<p>ACCESSORIES</p>   <p>HONEYCOMB ANTI-GLARE LOUVRE SOFT LENS</p>

DIMENSIONS (MM)



COLOUR OPTIONS

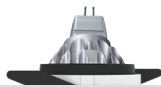


*For latest specifications please refer to website.
Data will be subject to change without notice.*



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ARTIS 3 Ordering Matrix Chart



MR16 TRIM /
TRIMLESS



SLE16 TRIM /
TRIMLESS

FIXTURE

Type	Trim Options		Shape		Angle		Colour		Accessories	
ARTIS-3	—		—		—		—		—	
		TRIM	RD	ROUND	TL	TILT	WH	MATT WHITE		NONE
	X	TRIMLESS					MB	MATT BLACK	AGL	ANTI-GLARE LOURVE
									SL	SOFT LENS

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming	
—	

PH PHASE

AN 0-10V

DA DALI

PH PHASE

AN 0-10V

DA DALI

example: ARTIS-3.RD.TL.WH.SL.SLE16.25.30.95.DA
Custom RAL colour options available.

ARTIS 3 UNO TILT

Snoot Multi-Axis Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 485lm to 580lm
 - SLE16 : 435lm to 900lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 99mm X 99mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre







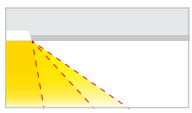
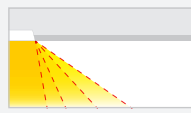




The information above is at nominal values accuracy of +/-7%.

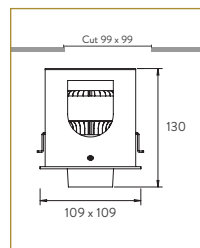
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p> <p>DRIVER</p>   	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>		<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



*For latest specifications please refer to website.
Data will be subject to change without notice.*

ARTIS 3 DUO TILT

Snoot Multi-Axis Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 970lm to 1160lm
SLE16 : 870lm to 1800lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 99mm X 225mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




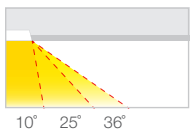
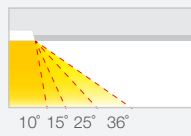







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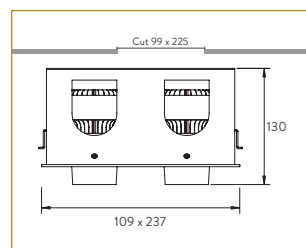
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

DIMENSIONS (MM)



COLOUR OPTIONS



ARTIS 3 TRIO TILT

Snoot Multi-Axis Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 1455lm to 1740lm
 - SLE16 : 1305lm to 2700lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 99mm X 320mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre







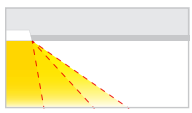
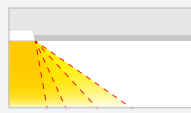




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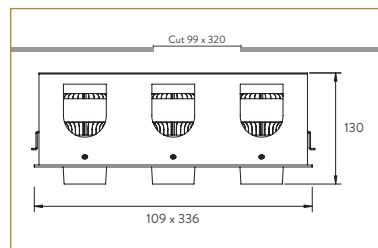
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p> <p>DRIVER</p>   	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>		<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



ARTIS 3 UNO TILT TRIMLESS

Snoot Multi-Axis Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 115mm X 115mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




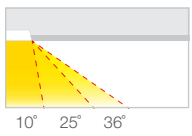
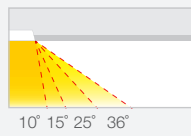







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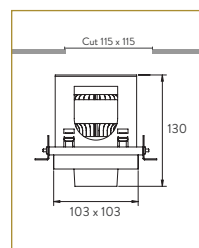
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

DIMENSIONS (MM)



COLOUR OPTIONS

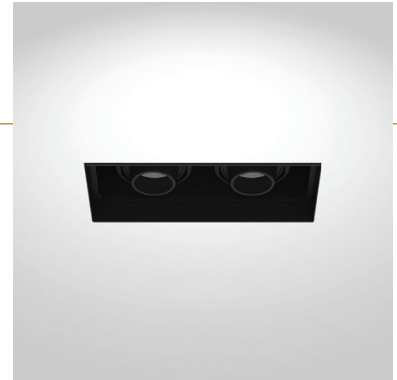


ARTIS 3 DUO TILT TRIMLESS

Snoot Multi-Axis Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 970lm to 1160lm
 - SLE16 : 870lm to 1800lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 115mm X 240mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre













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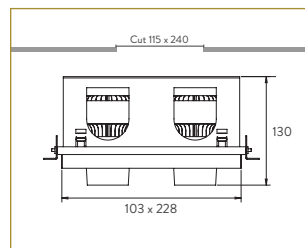
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p> <p>DRIVER</p>   	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>		<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



*For latest specifications please refer to website.
Data will be subject to change without notice.*

ARTIS 3 TRIO TILT TRIMLESS

Snoot Multi-Axis Tilt Trimless Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 1455lm to 1740lm
SLE16 : 1305lm to 2700lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 115mm X 340mm cutout
- +/-30° multi-axis tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




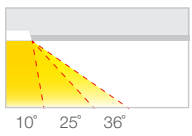
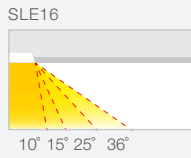







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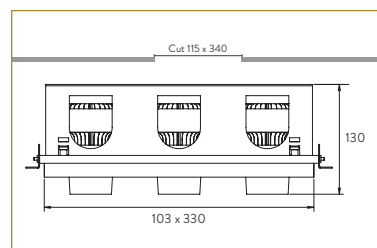
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

DIMENSIONS (MM)



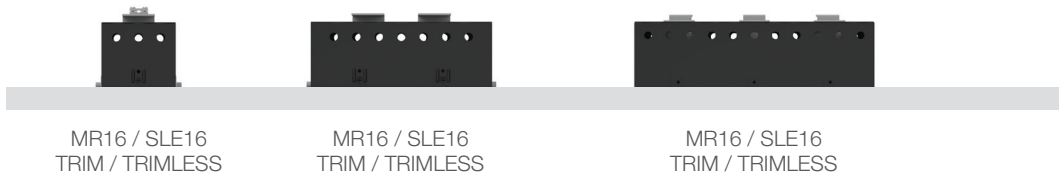
COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.

ARTIS 3

Ordering Matrix Chart



FIXTURE

Type	Head	Trim Options	Shape	Angle	Colour	Accessories
ARTIS-3	—	—	—	—	—	—
	U UNO	TRIM	SQ SQUARE	TL TILT	WH MATT WHITE	NONE
	D DUO	X TRIMLESS			MB MATT BLACK	AGL ANTI-GLARE LOURVE
	T TRIO					SL SOFT LENS

LED MODULE

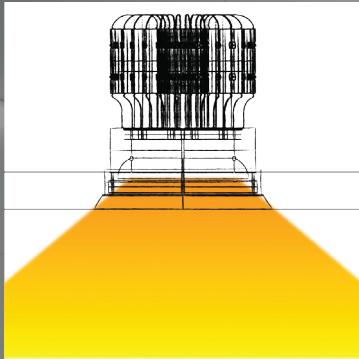
Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: ARTIS-3.D.SQ.TL.WH.SL.SLE16.25.30.95.DA
Custom RAL colour options available.

BASIC



Luminaires with light source at the level of ceiling, maximise the light output ratio efficiency. Basic luminaires suitable for low ceiling clearance, where the overall depth of the fixtures need to be compromised.



BASIC

DOWNLIGHT SERIES



Functional and modern with classic lines, BASIC series are designed to add a contemporary style to conventional applications with flush, gimballed and reduced glare options. With ELR's signature modular concept, LED modules are interchangeable that allows the BASIC range to provide a flexible, future proof modular lighting system that is also ceiling-safe for easy maintenance.

BASIC 3 ROUND FIX

Recessed Round Fix Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 70mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




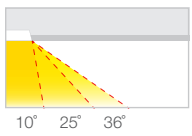
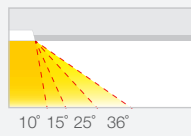








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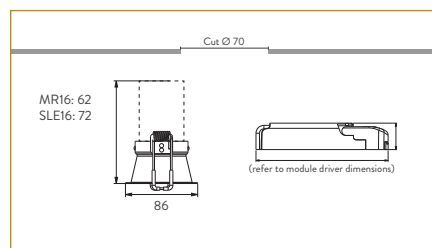
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>		<p>DRIVER</p>  <p>PH</p>  <p>0-10V AN</p>  <p>DALI DA</p> <p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



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product design 2012

BASIC 3 ROUND TILT

Recessed Round Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 70mm cutout
- +/-20° tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre







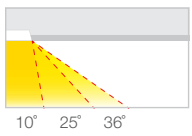
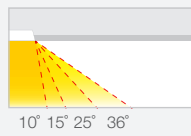





The information above is at nominal values accuracy of +/-7%.

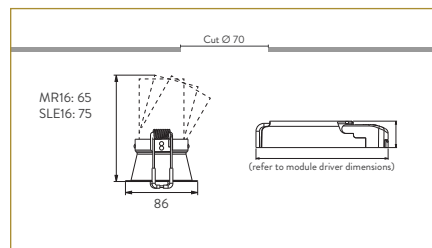
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE 2700K, 3000K, 4000K</p> <p>DRIVER</p>   	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>		<p>ACCESSORIES</p>    <p>HONEYCOMB ANTI-GLARE LOUVRE SOFT LENS IP54</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



reddot design award
product design 2012

BASIC 3 Ordering Matrix Chart



FIXTURE

Type	Shape		Angle		Colour		Accessories	
BASIC-3	—		—		—		—	
	RD	ROUND	FX	FIX	WH	MATT WHITE		NONE
			TL	TILT	MB	MATT BLACK	AGL	ANTI-GLARE LOUVRE
							SL	SOFT LENS
							IP	IP54

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

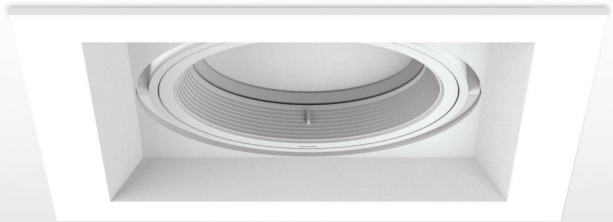
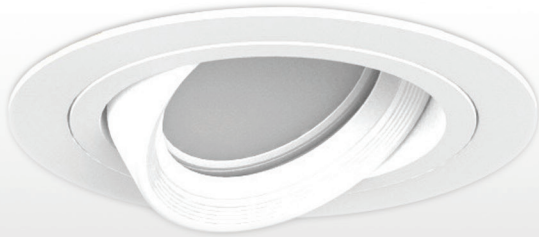
example: BASIC-3.RD.TL.WH.SL.SLE16.25.30.95.DA
Custom RAL colour options available.

WORKS WITH
SORAA

• **ELR**[®]

PIAZZO

DOWNLIGHT SERIES



Ideal for retail applications, PIAZZO series with adjustable gimbal mechanism are perfect for highlighting or enhancing decorative elements. With ELR's signature modular concept, LED modules are fully interchangeable to provide the flexibility of optimal illumination, beam angle and colour temperature.

PIAZZO 3 UNO TILT

Recessed Single Head Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 88 x 88mm cutout
- +/-30° twin axis gimbal tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




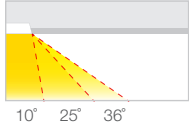
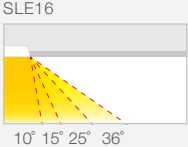








The information above is at nominal values accuracy of +/-7%.

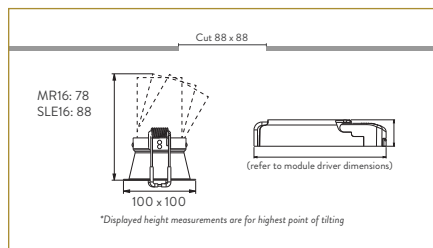
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PH</p>  <p>AN</p>  <p>DA</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



PIAZZO 3 DUO TILT

Recessed Twin Head Tilt Downlight Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 970lm to 1160lm
SLE16 : 870lm to 1800lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
- 88 x 168mm cutout
- +/-30° twin axis gimbal tilt
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional IP54 seal, colour and light effect filters and honeycomb anti-glare louvre




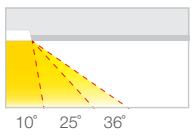
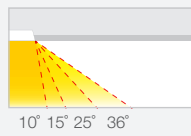








The information above is at nominal values accuracy of +/-7%.

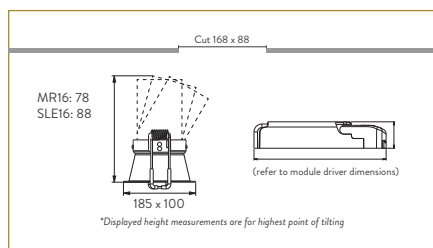
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>  <p>IP54</p>

DIMENSIONS (MM)



COLOUR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.



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PIAZZO 3 Ordering Matrix Chart



MR16 TILT



SLE16 TILT

FIXTURE

Type	Head		Shape		Angle		Colour		Accessories
PIAZZO-3	—		—		—		—		—
	U	UNO	SQ	SQUARE	TL	TILT	WH	MATT WHITE	NONE
	D	DUO					MB	MATT BLACK	AGL ANTI-GLARE LOURVE
									SL SOFT LENS
									IP IP54

LED MODULE

Type
—

MR16 refer to
page 20

SLE16 refer to page 16

DRIVER

Dimming	
—	

PH PHASE

AN 0-10V

DA DALI

PH PHASE

AN 0-10V

DA DALI

example: PIAZZO-3.U.SQ.TL.WH.SLE16.25.30.95.DA
Custom RAL colour options available.

WORKS WITH
SORAA

• **ELR**[®]

SNOOP INDOOR SERIES

A range of indoor luminaires suitable for residential, commercial and retail applications.

Westfield Head Office, Sydney

SNOOP

TRACK SERIES



SNOOP TRACK series are cylinder tube track mounted luminaires designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity designs provide future proof upgrade and possibility for on-site maintenance.

SNOOP 3 TRACK

Track Mounted Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- Full angle adjustable
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre







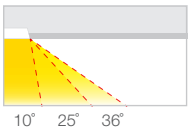
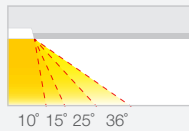




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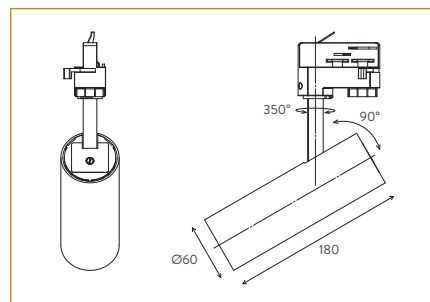
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE 2700K, 3000K, 4000K</p> <p>DRIVER</p>   	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>		<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>	

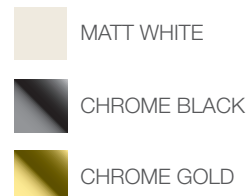
DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



*For latest specifications please refer to website.
Data will be subject to change without notice.*

SNOOP TRACK

Ordering Matrix Chart

FIXTURE

Type	Colour		Reflector Colour		Accessories	
SNOOP-3	---		---		---	
	WH	MATT WHITE	WH	MATT WHITE		NONE
	MB	MATT BLACK	CB	CHROME BLACK	AGL	ANTI-GLARE LOURVE
			CG	CHROME GOLD	SL	SOFT LENS

LED MODULE

Type

MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	

PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

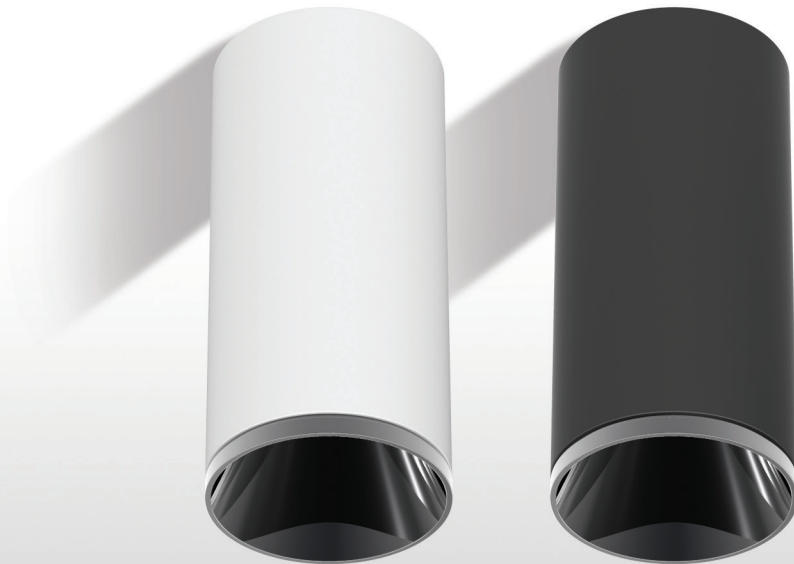
example: SNOOP-3.MB.CB.SLE16.25.30.95.PH
Custom RAL colour options available.

WORKS WITH
SORAA

• **ELR**[®]

SNOOP

SURFACE SERIES



SNOOP SURFACE series are cylinder tube surface mounted luminaires designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity designs provide future proof upgrade and possibility for on-site maintenance.

SNOOP 3 SURFACE

Surface Mounted Luminaire

- Fitted with Soraa MR16 - Constant Current
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre



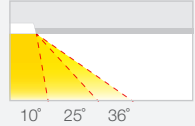







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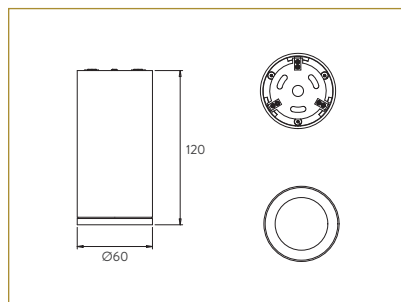
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>	 <p>MR16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules MR16 : 10° Beam</p>
<p>BEAM ANGLE</p>	<p>MR16</p>  <p>10° 25° 36°</p>	<p>DRIVER</p>    <p>ACCESSORIES</p>   <p>HONEYCOMB ANTI-GLARE LOUVRE SOFT LENS</p>	

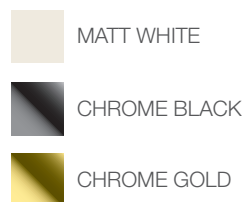
DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.

SNOOP SURFACE Ordering Matrix Chart

FIXTURE

Type	Colour		Reflector Colour		Accessories	
SNOOP-3SM	—		—		—	
	WH	MATT WHITE	WH	MATT WHITE		NONE
	MB	MATT BLACK	CB	CHROME BLACK	AGL	ANTI-GLARE LOURVE
			CG	CHROME GOLD	SL	SOFT LENS

LED MODULE

Type
—
MR16 refer to page 20

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI

example: SNOOP-3SM.MB.CB.SM16C.25.30.95.PH
Custom RAL colour options available.

SNOOP

SINGLE POINT SERIES



SNOOP SINGLE POINT series are cylinder tube luminaires designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity designs provide future proof upgrade and possibility for on-site maintenance.

SNOOP 3 SINGLE POINT

Single Point Mounted Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- Full angle adjustable
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




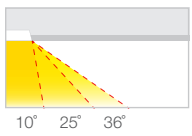
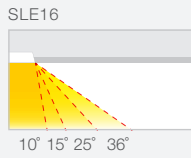







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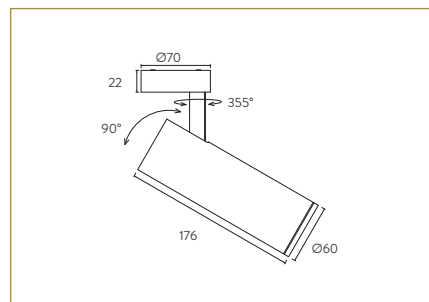
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p><i>Only applicable for narrow beam LED modules</i></p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

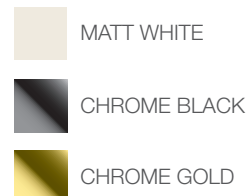
DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



*For latest specifications please refer to website.
Data will be subject to change without notice.*

SNOOP SINGLE POINT Ordering Matrix Chart

FIXTURE

Type	Colour		Reflector Colour		Accessories	
SNOOP-3SPM	—		—		—	
	WH	MATT WHITE	WH	MATT WHITE		NONE
	MB	MATT BLACK	CB	CHROME BLACK	AGL	ANTI-GLARE LOURVE
			CG	CHROME GOLD	SL	SOFT LENS

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

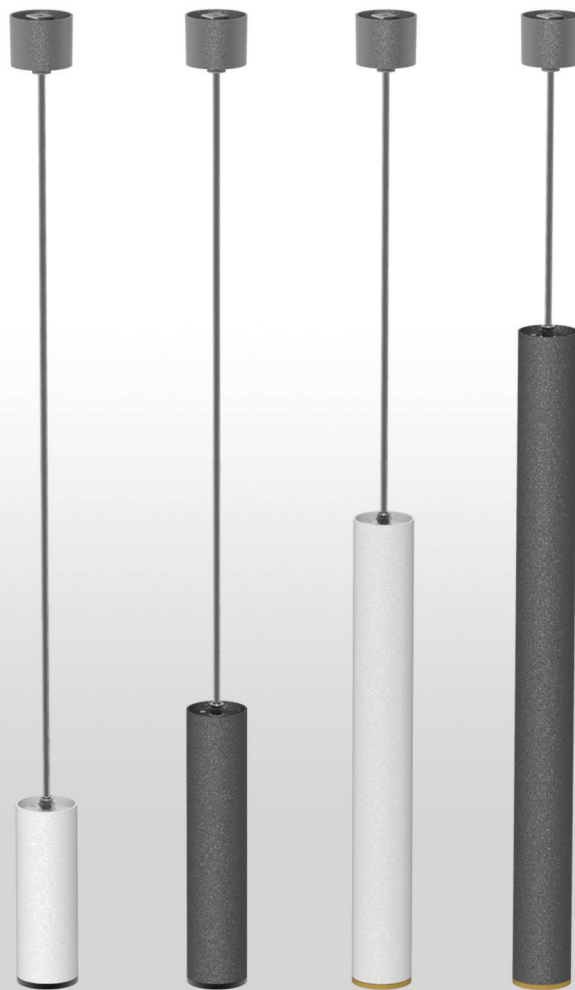
example: SNOOP-3SPM.MB.CB.SLE16.25.30.95.PH
Custom RAL colour options available.

WORKS WITH
SORAA

• **ELR**

SNOOP

PENDANT SERIES



SNOOP PENDANT series are cylinder tube pendant mounted luminaires designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity designs provide future proof upgrade and possibility for on-site maintenance.

SNOOP 3 PENDANT

Pendant Mounted Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index:
 - MR16 : CRI 95
 - SLE16 : CRI 95
- Rated Lifetime:
 - MR16 : 35,000 hours to L70
 - SLE16 : 50,000 hours to L70
- Beam pattern options:
 - MR16 : 10°, 25°, 36°
 - SLE16 : 10°, 15°, 25°, 36°
- Luminous flux:
 - MR16 : 485lm to 580lm
 - SLE16 : 435lm to 900lm

Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




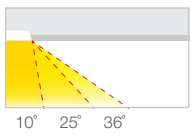
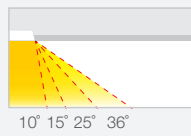







The information above is at nominal values accuracy of +/-7%.

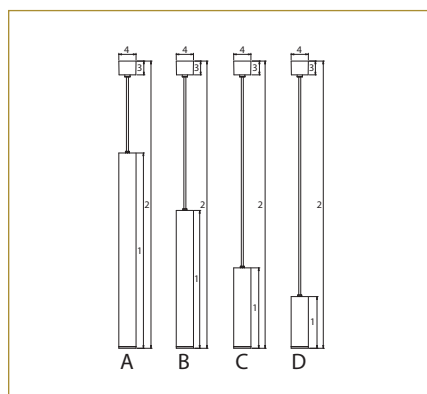
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

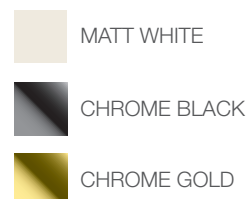
DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.

SNOOP PENDANT

Ordering Matrix Chart

FIXTURE

Type	Length		Colour		Reflector Colour		Accessories	
SNOOP-3PM	—		—		—		—	
	18	180mm	WH	MATT WHITE	WH	MATT WHITE		NONE
	28	280mm	MB	MATT BLACK	CB	CHROME BLACK	AGL	ANTI-GLARE LOURVE
	48	480mm			CG	CHROME GOLD	SL	SOFT LENS
	68	680mm						

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: SNOOP-3PM.28.MB.CB.SLE16.25.30.95.PH
Custom RAL colour options available.

SNOOP OUTDOOR SERIES

A range of outdoor luminaires suitable for residential, commercial and retail applications.



WORKS WITH
SORAA

• **ELR**[®]

SNOOP

CANOPY SERIES



SNOOP CANOPY series are outdoor rated cylinder tube landscaping luminaires designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity designs provide future proof upgrade and possibility for on-site maintenance. Snoop's outdoors series are constructed with double layer powder coated aluminium housing resist to corrosion and salt spray fog. Rated at IP66 and IK08.

SNOOP 3 CANOPY

Canopy Mounted Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- Angle bracket adjustment -90° to +90°
Rotational adjustment 0° to 359°
- IP66 IK08
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre







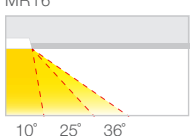
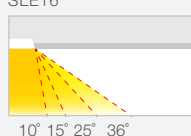




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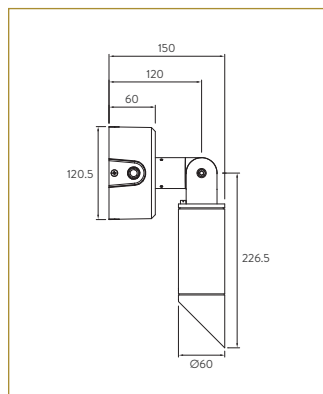
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>MR16</p> </div> <div style="text-align: center;">  <p>SLE16</p> </div> </div>		<p>TEMPERATURE 2700K, 3000K, 4000K</p> <p>DRIVER</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>PHASE DIMMABLE (PH)</p> </div> <div style="text-align: center;">  <p>0-10V DIMMABLE (AN)</p> </div> <div style="text-align: center;">  <p>DALI DIMMABLE (DA)</p> </div> </div>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>MR16</p>  <p>10° 25° 36°</p> </div> <div style="text-align: center;"> <p>SLE16</p>  <p>10° 15° 25° 36°</p> </div> </div>		<p>ACCESSORIES</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>HONEYCOMB ANTI-GLARE LOUVRE</p> </div> <div style="text-align: center;">  <p>SOFT LENS</p> </div> </div>	

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.

SNOOP CANOPY SERIES

Ordering Matrix Chart

FIXTURE

Type	Colour		Reflector Colour		Accessories	
SNOOP-3CN	—		—		—	
	GR	MATT GREY	GR	MATT GREY		NONE
	MB	MATT BLACK	MB	MATT BLACK	AGL	ANTI-GLARE LOURVE
					SL	SOFT LENS

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: SNOOP-3CN.GR.GR.SLE16.25.30.95.PH
Custom RAL colour options available.

WORKS WITH
SORAA

• **ELR**[®]

SNOOP

WALL MOUNT SERIES



SNOOP WALL MOUNT series are outdoor rated cylinder tube landscaping luminaires designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity designs provide future proof upgrade and possibility for on-site maintenance. Snoop's outdoors series are constructed with double layer powder coated aluminium housing resist to corrosion and salt spray fog. Rated at IP66 and IK08.

SNOOP 3 WALL MOUNT DOWN

Wall Mounted Luminaire






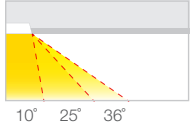
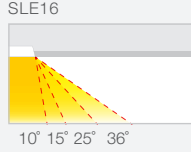





- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- IP66 IK08
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre

The information above is at nominal values accuracy of +/-7%.

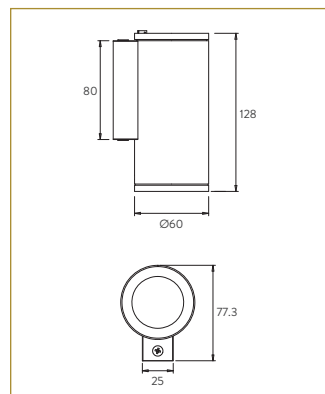
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.

SNOOP 3 WALL MOUNT UP/DOWN

Wall Mounted Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 970lm to 1160lm
SLE16 : 870lm to 1800lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- IP66 IK08
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre




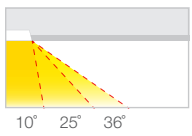
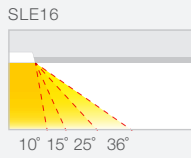







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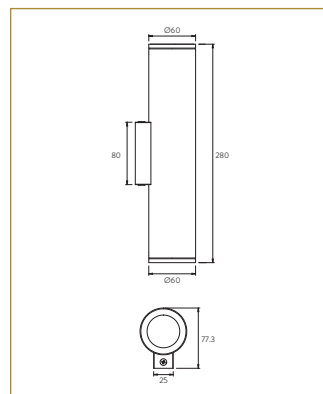
ATePS™ Automated Thermal Protection System is the trademark of ELR.



AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>	<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p>	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p> <p>MR16</p>  <p>10° 25° 36°</p> <p>SLE16</p>  <p>10° 15° 25° 36°</p>	<p>DRIVER</p>  <p>PHASE DIMMABLE (PH)</p>  <p>0-10V DIMMABLE (AN)</p>  <p>DALI DIMMABLE (DA)</p>	<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.

SNOOP WALL MOUNT SERIES

Ordering Matrix Chart

FIXTURE

Type	Shape	Colour	Reflector Colour	Accessories
SNOOP-3WM	—	—	—	—
	D DOWN	GR MATT GREY	GR MATT GREY	NONE
	UD UP/DOWN	MB MATT BLACK	MB MATT BLACK	AGL ANTI-GLARE LOURVE
				SL SOFT LENS

LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

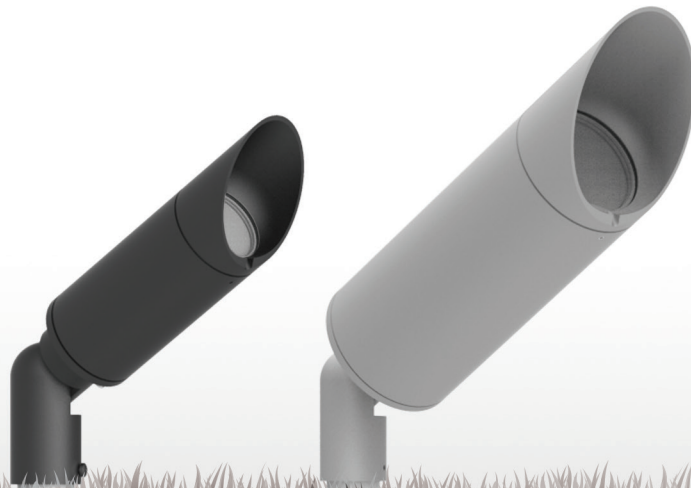
DRIVER

Dimming	
—	—
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: SNOOP-3WM.UD.GR.GR.SLE16.25.30.95.PH
Custom RAL colour options available.

SNOOP

TREE SPIKE SERIES

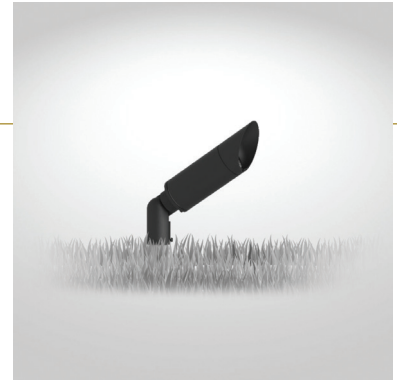


SNOOP TREE SPIKE series are outdoor rated cylinder tube landscaping luminaires designed with ELR's signature modular concept. LED modules are fully interchangeable to provide illumination to designated area with optimum lux level, flexibility of beam angle and colour temperature. The modularity designs provide future proof upgrade and possibility for on-site maintenance. Snoop's outdoors series are constructed with double layer powder coated aluminium housing resist to corrosion and salt spray fog. Rated at IP66 and IK08.

SNOOP 3 TREE SPIKE

Tree Spike Luminaire

- Fitted with Soraa MR16 - Constant Current or SLE16 Optical Light Engine
- Colour temperature options: 2700K, 3000K, 4000K
- Colour Rendering Index: MR16 : CRI 95
SLE16 : CRI 95
- Rated Lifetime: MR16 : 35,000 hours to L70
SLE16 : 50,000 hours to L70
- Beam pattern options: MR16 : 10°, 25°, 36°
SLE16 : 10°, 15°, 25°, 36°
- Luminous flux: MR16 : 485lm to 580lm
SLE16 : 435lm to 900lm
Refer to Soraa for further details.
- Supplied with phase/0-10V/DALI dimmable LED driver
Integral driver for MR16, remote driver for SLE16
- Angle bracket adjustment -90° to +90°
- IP66 IK08
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- Interchangeable LED module system
- Optional colour and light effect filters and honeycomb anti-glare louvre







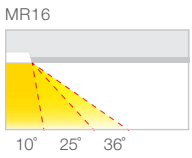
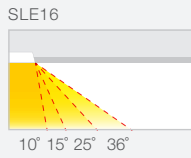




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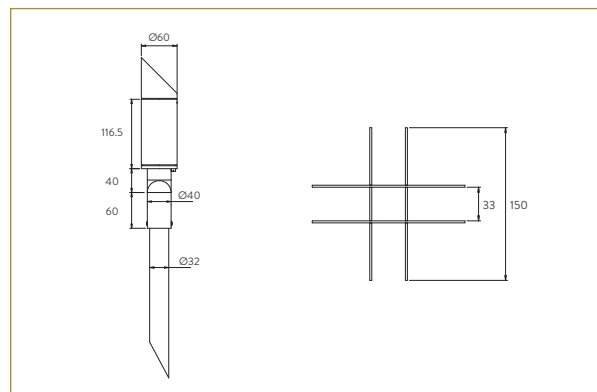
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AVAILABLE OPTIONS

<p>LED MODULE</p>  <p>MR16</p>  <p>SLE16</p>		<p>TEMPERATURE</p> <p>2700K, 3000K, 4000K</p> <p>DRIVER</p>   	<p>SORAA SNAP SYSTEM™</p>  <p>Only applicable for narrow beam LED modules</p> <p>MR16 : 10° Beam SLE16 : 10°/15° Beam</p>
<p>BEAM ANGLE</p>  <p>MR16</p>  <p>SLE16</p>		<p>ACCESSORIES</p>  <p>HONEYCOMB ANTI-GLARE LOUVRE</p>  <p>SOFT LENS</p>	

DIMENSIONS (MM)



COLOUR OPTIONS



REFLECTOR COLOR OPTIONS



For latest specifications please refer to website.
Data will be subject to change without notice.

SNOOP TREE SPIKE SERIES

Ordering Matrix Chart

FIXTURE

Type	Colour		Reflector Colour		Accessories	
SNOOP-3TS	—		—		—	
	GR	MATT GREY	GR	MATT GREY		NONE
	MB	MATT BLACK	MB	MATT BLACK	AGL	ANTI-GLARE LOURVE
					SL	SOFT LENS

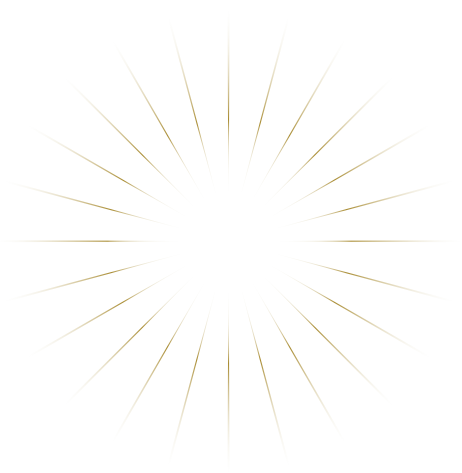
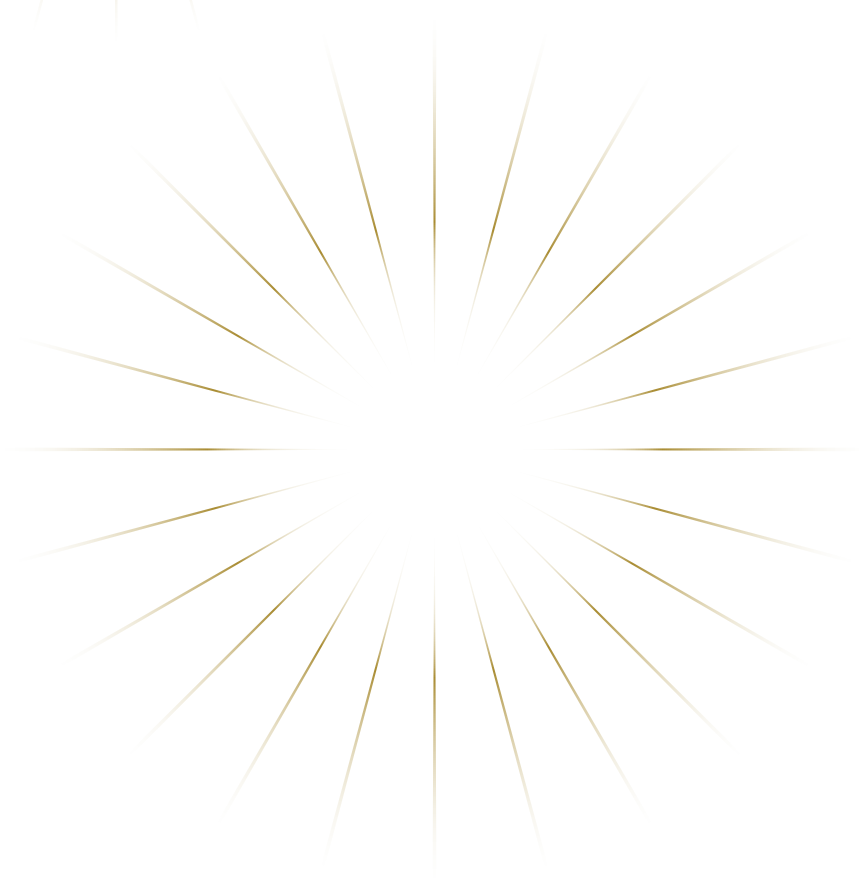
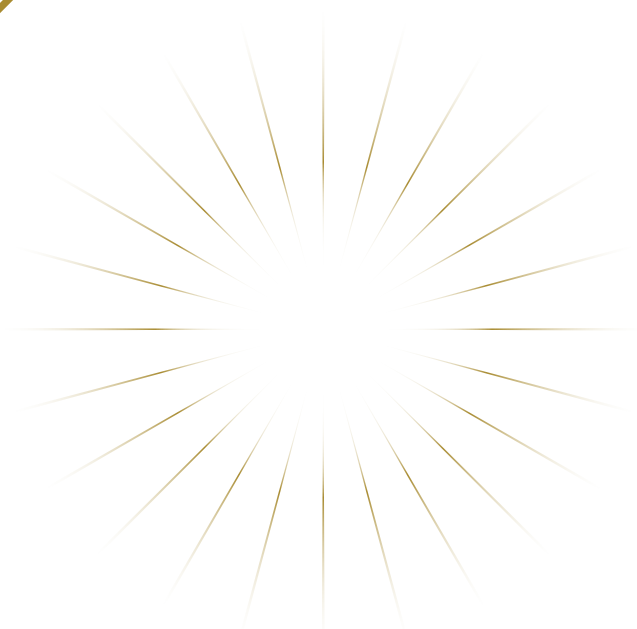
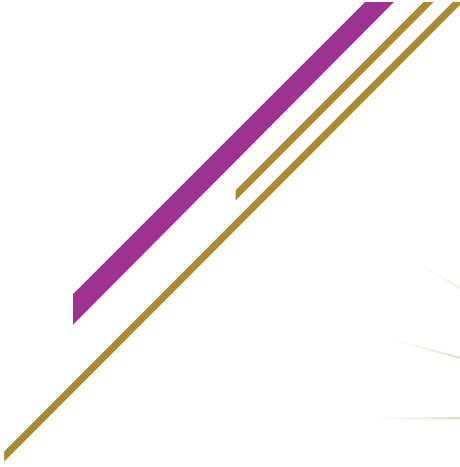
LED MODULE

Type
—
MR16 refer to page 20
SLE16 refer to page 16

DRIVER

Dimming	
—	
PH	PHASE
AN	0-10V
DA	DALI
PH	PHASE
AN	0-10V
DA	DALI

example: SNOOP-3TS.GR.GR.SLE16.25.30.95.PH
Custom RAL colour options available.



UNITED KINGDOM | AUSTRALIA | UAE | INDIA | SHANGHAI | HONG KONG | MALAYSIA

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