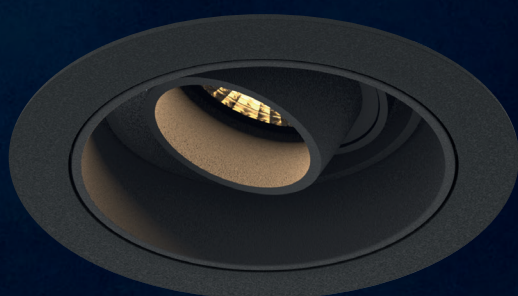


ARTIS

DOWNLIGHT SERIES

A series of premium snoot multi-axis adjustable downlights designed with ELR's signature modular concept. LED modules are fully interchangeable with various choices, ideal for illuminating objects in showcasing and retail applications.



Future proof with upgradeable module

30° multi-axis tilt



Multiple accessories options

Trim thickness < 2mm

Fixture Features

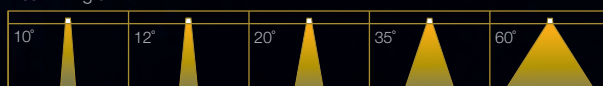


Ceiling Safe

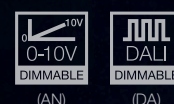
Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



ARTIS 3

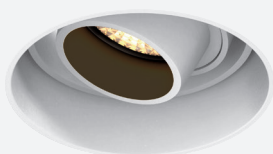
SNOOT MULTI-AXIS TILT DOWNLIGHT LUMINAIRE



#ROUND
#TILT
#TRIM



#SQUARE
#TILT
#TRIM



#ROUND
#TILT
#TRIMLESS



#SQUARE
#TILT
#TRIMLESS

TECHNOLOGY AND FEATURES



Advanced Thermal
Protection System



Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR



Ceiling
Safe

AVAILABLE OPTIONS

FIXTURE COLOUR OPTIONS	Trim Colour Options	ROUND	UNO	DUO	TRIO			
	MATT WHITE RAL9003							
	MATT BLACK RAL9011							
ACCESSORIES	 Honeycomb Anti-Glare Louvre  Soft Lens  Linear Spread Lens  Comfort Pro  MR16 Holder GU10 Holder							
LED MODULE	 50P/C  35P  50N  35N COIN  35P-HI  50N-HI  35N-HI COIN-HI  MR16/GU10							
	SINGLE CCT  2700K  3000K  3500K  4000K  5000K  ProART  ProART98		50P / 50C / 35P / 50N / 35N / COIN		 10°	 20°	 35°	 60°
	2700K 3000K 3500K 4000K 5000K ProART ProART98		35P-HI / 50N-HI / 35N-HI / COIN-HI		✓	✓	✓	✓
	WARM DIM		50P / 50N / 35N / COIN		✓	✓	✓	✓
	WARM DIM		50P / 50N / 35N / COIN		✓	✓	✓	✓
	tuneWHITE		50P / 50N / COIN			✓	✓	✓
	flexiK							
RGBW		50P				✓	✓	
DRIVER DIMMING	 (ND)  (PH)  (AN)  (DA)							



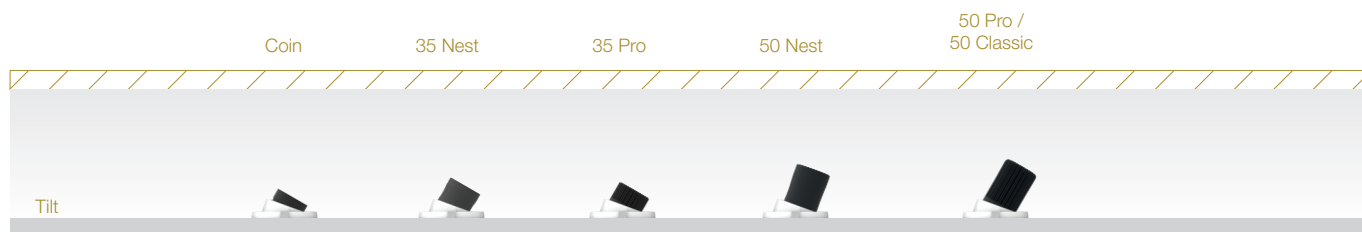
ARTIS 3

#ROUND
#SQUARE
#TILT
#TRIM
#TRIMLESS

SPECIFICATIONS

FIXTURE

Family Type	Artis series
Fixture Colours	Matt white, matt black
Fixture Materials	Aluminium
Accessories	Honeycomb anti-glare louvre, soft lens, linear spread lens, Comfort Pro
Ingress Protection	IP40
LED MODULE & DRIVER	
Compatible LED Modules	50, 35, COIN series LED modules or MR16/GU10
Lifetime	Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, ComfySHIFT, Warm Dim, tuneWHITE, flexiK, RGBW
CRI	High Efficiency (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI



DIMENSIONS (MM)

ROUND

Ø110
cutout

Trim

Ø120

Trimless

Ø101

Tilt

(h)

$\pm 30^\circ$
multi-axis tilt

Height (h)

Module	Tilt
50P / 50C:	106
50N:	103
35P / 35N:	80
COIN:	59
50N-HI:	113
35P-HI / 35N-HI:	90
COIN-HI:	69
MR16 / GU10:	80

SQUARE

Trim: 110 x 110
Trimless: 102 x 102
cutout

Trim

125 x 125

Trimless

102 x 102

Trim: 110 x 210
Trimless: 102 x 202
cutout

Trim

125 x 225

Trimless

102 x 202

Tilt

(h)

$\pm 30^\circ$
multi-axis tilt

Height (h)

Module	Tilt
50P / 50C:	106
50N:	103
35P / 35N:	80
COIN:	59
50N-HI:	113
35P-HI / 35N-HI:	90
COIN-HI:	69
MR16 / GU10:	80

Height increase with accessories:
 Anti-Glare Louvre : Height +6
 Soft Lens : Height +3
 Linear Spread Lens : Height +3

(refer to module driver dimensions)

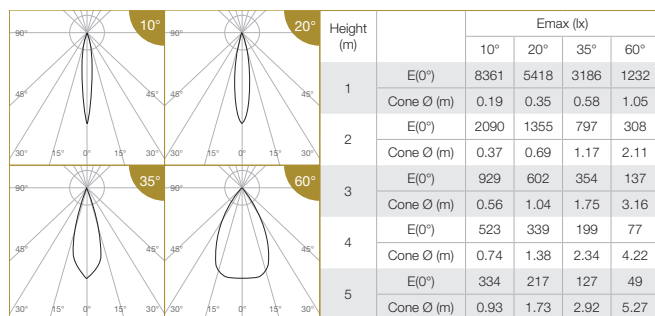
Height increase with accessories:
Anti-Glare Louvre : Height +6
Soft Lens : Height +3
Linear Spread Lens : Height +3

(refer to module driver dimensions)

ARTIS 3

PHOTOMETRICS

50 PRO



Correction Factor:

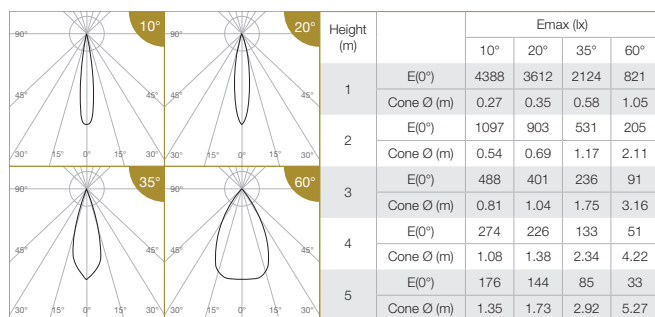
50P (10°) - f = 1.00	50P (20°, 35°, 60°) - f = 1.00
50C (10°) - f = 0.78	50C (20°, 35°, 60°) - f = 0.80
35P (10°) - f = 0.62	35P (20°, 35°, 60°) - f = 0.71
50N (10°) - f = 0.58	50N (20°, 35°, 60°) - f = 0.63
35N (10°) - f = 0.42	35N (20°, 35°, 60°) - f = 0.47
COIN (10°) - f = 0.35	COIN (20°, 35°, 60°) - f = 0.38
50P-24CV (10°) - f = 0.75	50C-24CV (20°, 35°, 60°) - f = 0.70
50C-24CV (10°) - f = 0.62	50C-24CV (20°, 35°, 60°) - f = 0.57
35P-24CV (10°) - f = 0.48	35P-24CV (20°, 35°, 60°) - f = 0.49
COIN-24CV (10°) - f = 0.28	COIN-24CV (20°, 35°, 60°) - f = 0.27

ELR LED Module				50P	50C	35P	50N	35N	COIN
LED Power				12W	10W	8W	7.5W	5.5W	4.5W
System Power				15.2W	12.8W	11W	10W	7.5W	6W
Luminous Flux (lm)	Type	Beam Angle	CRI						
	Single CCT (3000K)	10°	High Efficiency Ra-85	962	755	599	555	407	333
			ProART Ra-95	818	642	510	472	346	283
			ProART98 Ra-98	673	528	420	389	285	233
		20°	High Efficiency Ra-85	1305	1044	931	827	609	496
			ProART Ra-95	1109	887	792	703	518	422
			ProART98 Ra-98	914	731	652	579	426	347
		35°	High Efficiency Ra-85	1320	1056	942	836	616	502
			ProART Ra-95	1122	898	801	711	524	427
			ProART98 Ra-98	924	739	659	585	431	351
		60°	High Efficiency Ra-85	1230	984	877	779	574	467
			ProART Ra-95	1046	836	746	663	488	398
ProART98 Ra-98			861	689	614	545	402	327	
Input Power (24CV)				12W	10W	8W			4.5W
Luminous Flux (lm)	Type	Beam Angle	CRI						
	24CV Single CCT (3000K)	10°	High Efficiency Ra-85	718	592	466			274
			ProART Ra-95	611	503	397			233
			ProART98 Ra-98	502	414	326			192
		20°	High Efficiency Ra-85	914	748	644			357
			ProART Ra-95	777	636	547			304
			ProART98 Ra-98	639	524	451			250
		35°	High Efficiency Ra-85	924	757	651			361
			ProART Ra-95	786	643	554			307
			ProART98 Ra-98	647	530	456			253
		60°	High Efficiency Ra-85	861	705	607			336
			ProART Ra-95	732	599	516			286
ProART98 Ra-98			603	494	425			235	

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05) High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17) ProART98 CRI-98 will have a nominal data value of 18% lower than published. (f = 0.82)

Nominal CRI-85, equals to Ra>80-87, R9>0
Nominal CRI-95, equals to Ra>90-97, R9>50
Nominal CRI-98, equals to Ra>97-99, R9>93

35 PRO ComfySHIFT



Correction Factor: 35P CS - f = 1.00
50N CS - f = 0.94

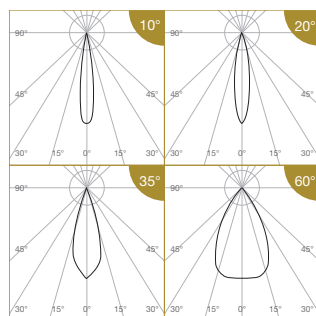
ELR LED Module				35P	50N
LED Power				8W	7.5W
System Power				11W	10W
Luminous Flux (lm)	Type	Beam Angle	CRI		
ComfySHIFT (3100K)		10°	ProART Ra-95	621	584
		20°		740	696
		35°		748	704
		60°		697	656

Data are based on maximum output at 3100K.
Nominal CRI-95, equals to Ra>90-97, R9>50

ARTIS 3

PHOTOMETRICS

50 PRO WARM DIM



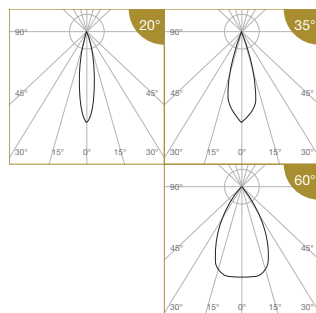
Height (m)		Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	6608	5439	3199	1237
	Cone Ø (m)	0.27	0.35	0.58	1.05
2	E(0°)	1652	1360	800	309
	Cone Ø (m)	0.54	0.69	1.17	2.11
3	E(0°)	734	604	355	137
	Cone Ø (m)	0.81	1.04	1.75	3.16
4	E(0°)	413	340	200	77
	Cone Ø (m)	1.08	1.38	2.34	4.22
5	E(0°)	264	218	128	49
	Cone Ø (m)	1.35	1.73	2.92	5.27

ELR LED Module				50P	35P	50N	35N	COIN
LED Power				12W	8W	7.5W	5.5W	4.5W
System Power				15.2W	11W	10W	7.5W	6W
Luminous Flux (lm)	Type	Beam Angle	CRI					
Luminous Flux (lm)	Warm Dim (3100K)	10°	ProART Ra-95	934	621	584	431	350
		20°		1114	740	696	513	418
		35°		1126	748	704	519	422
		60°		1050	697	656	484	394

Data are based on maximum output at 3100K.
Nominal CRI-95, equals to Ra>90-97, R9>50

Correction Factor: 50P WD - f = 1.00
35P WD - f = 0.68
50N WD - f = 0.63
35N WD - f = 0.46
COIN WD - f = 0.38

50 PRO tuneWHITE/flexiK



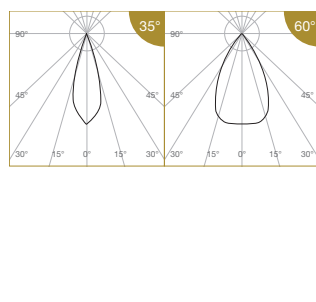
Height (m)		Emax (lx)		
		20°	35°	60°
1	E(0°)	4249	2499	966
	Cone Ø (m)	0.35	0.58	1.05
2	E(0°)	1062	625	242
	Cone Ø (m)	0.69	1.17	2.11
3	E(0°)	472	278	107
	Cone Ø (m)	1.04	1.75	3.16
4	E(0°)	266	156	60
	Cone Ø (m)	1.38	2.34	4.22
5	E(0°)	170	100	39
	Cone Ø (m)	1.73	2.92	5.27

ELR LED Module				50P	50N	COIN
LED Power				12W	7.5W	4.5W
System Power				15.2W	10W	6W
Luminous Flux (lm)	Type	Beam Angle	CRI			
Luminous Flux (lm)	tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra-95	870	522	313
		35°		880	528	317
		60°		820	492	295

Data are based on maximum output at highest CCT (4000K / 6500K).
2700K will have a nominal data value of 10% lower than published. (f = 0.90)
1800K will have a nominal data value of 30% lower than published. (f = 0.70)
Nominal CRI-95, equals to Ra>90-97, R9>50

Correction Factor: 50P TW / FK - f = 1.00
50N TW / FK - f = 0.60
COIN TW / FK - f = 0.36

50 PRO RGBW

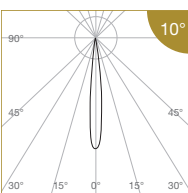


Height (m)		Emax (lx)	
		35°	60°
1	E(0°)	1512	585
	Cone Ø (m)	0.58	1.05
2	E(0°)	378	146
	Cone Ø (m)	1.17	2.11
3	E(0°)	168	65
	Cone Ø (m)	1.75	3.16
4	E(0°)	94	37
	Cone Ø (m)	2.34	4.22
5	E(0°)	60	23
	Cone Ø (m)	2.92	5.27

ELR LED Module				50P
LED Power				12W
System Power				15.2W
Luminous Flux (lm)	Type	Beam Angle	CRI	
Luminous Flux (lm)	RGBW	35°	N/A	532
		60°		496

Data are based on maximum output of all 4 RGBW channels.

35 PRO HIGH INTENSITY



Height (m)	Emax (lx)	
	10°	
1	E(0°)	10417
	Cone Ø (m)	0.19
2	E(0°)	2604
	Cone Ø (m)	0.37
3	E(0°)	1157
	Cone Ø (m)	0.56
4	E(0°)	651
	Cone Ø (m)	0.74
5	E(0°)	417
	Cone Ø (m)	0.93

Correction Factor:

35P-HI - f = 1.00

50N-HI - f = 0.94

35N-HI - f = 0.69

COIN-HI - f = 0.56

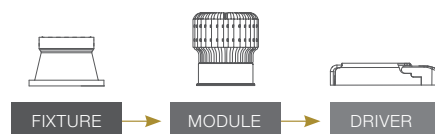
ELR LED Module				35P-HI	50N-HI	35N-HI	COIN-HI
LED Power				8W	7.5W	5.5W	4.5W
System Power				11W	10W	7.5W	6W
Luminous Flux (lm)	Type	Beam Angle	CRI				
	Single CCT (3000K)	10°	High Efficiency Ra-85	568	533	391	318
			ProART Ra-95	482	453	333	271
			ProART98 Ra-98	397	373	274	223

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K.
Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)
High Efficiency CRI-85 will have a nominal data value of 15% higher than published. (f = 1.17)
ProART98 CRI-98 will have a nominal data value of 18% lower than published. (f = 0.82)

Nominal CRI-85, equals to Ra>80-87, R9>0
Nominal CRI-95, equals to Ra>90-97, R9>50
Nominal CRI-98, equals to Ra>97-99, R9>93

ARTIS 3

MODULAR CONCEPT



ORDERING MATRIX CHART

Fixture									
Type	Trim Options		Shape		Angle		Colour		Accessories
ARTIS-3	T	Trim	RD	Round	TL	Tilt	WH	Matt White	N
	X	Trimless							AGL
									SL
									LSL
									CP
									CMB
									MR16
									GU10

Fixture												
Type	Head		Trim Options		Shape		Angle		Colour		Accessories	
ARTIS-3	U	Uno	T	Trim	SQ	Square	TL	Tilt	WH	Matt White	N	None
	D	Duo	X	Trimless					MB	Matt Black	AGL	Anti-Glare Louvre
	T	Trio									SL	Soft Lens
											LSL	Linear Spread Lens
											CP	Comfort Pro
											CMB	COIN Module Bracket****
											MR16	MR16 Holder
											GU10	GU10 Holder

****COIN Module Bracket accessory is necessary when paired with COIN LED module variants.

Single CCT LED Module					Driver	
LED Power		Beam Angle		Colour Temp	Dimming	
ELR50P	12W	10	10°	27	2700K	HE Ra~85 ND Non-Dim
ELR50C	10W	20	20°	30	3000K	PA ProART PH Phase
ELR35P	8W	35	35°	35	3500K	PP ProART98 AN 0-10V
ELR50N	7.5W	60	60°	40	4000K	DA DALI
ELR35N	5.5W			50	5000K	
ELRCOIN	4.5W					
ELR35P-HI	8W	NS	10°	27	2700K	HE Ra~85 ND Non-Dim
ELR50N-HI	7.5W			30	3000K	PA ProART PH Phase
ELR35N-HI	5.5W			35	3500K	PP ProART98 AN 0-10V
ELRCOIN-HI	4.5W			40	4000K	DA DALI
ELR50P-24CV	12W	10	10°	27	2700K	HE Ra~85
ELR50C-24CV	10W	20	20°	30	3000K	PA ProART
ELR35P-24CV	8W	35	35°	35	3500K	PP ProART98
ELRCOIN-24CV	4.5W	60	60°	40	4000K	
				50	5000K	

*Drivers for 24CV LED modules are sold separately.

ComfySHIFT LED Module					Driver	
LED Power		Beam Angle		Colour Temp	Dimming	
ELR35P	8W	10	10°	CS	ComfySHIFT	PA ProART ND Non-Dim
ELR50N	7.5W	20	20°			
		35	35°			
		60	60°			

example: ARTIS-3.U.T.SQ.TL.WH.N.ELR50P.35.30.PA.DA

*Custom RAL colour options available.

Warm Dim LED Module					Driver	
LED Power		Beam Angle		Colour Temp	Dimming	
ELR50P	12W	10	10°	WD Warm Dim	PA ProART	PH Phase
ELR35P	8W	20	20°			AN 0-10V
ELR50N	7.5W	35	35°			DA DALI
ELR35N	5.5W	60	60°			
ELRCOIN	4.5W					

tuneWHITE LED Module					Driver	
LED Power		Beam Angle		Colour Temp	Dimming	
ELR50P	12W	20	20°	TW1831 tuneWHITE 1800K-3100K	PA ProART	DA DALI
ELR50N	7.5W	35	35°	TW1840 tuneWHITE 1800K-4000K		
ELRCOIN	4.5W	60	60°	TW2765 tuneWHITE 2700K-6500K		

flexiK LED Module					Driver	
LED Power		Beam Angle		Colour Temp	Dimming	
ELR50P	12W	20	20°	FK## flexiK	PA ProART	PH Phase
ELR50N	7.5W	35	35°			AN 0-10V
ELRCOIN	4.5W	60	60°			DA DALI

denotes the first two digits of preferred CCT ranging from 1800K to 6500K by increment of 100K.

RGBW LED Module				
LED Power		Beam Angle		Colour Temp
ELR50P	12W	35	35°	RGBW Red, Green, Blue, White
		60	60°	

*Drivers for RGBW LED modules are sold separately.