

## 100 PLE WARM DIM

23W DIM-TO-WARM  
LED ENGINE



- Feather weight construction, ~140 grams
- Class 2 LED engine with external LED driver
- >95 lm/W module
- Colour rendering index, ProART Ra~95
- 3 steps MacAdam ellipse binning
- ATePS™ smart thermal dimming to protect LED lifetime\*
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%\*\*
- X-BEAM converging optical lens maximises luminaire light output ratio
- IP40



\*ATEPS™ Automated Thermal Protection System is the trademark of ELR.

\*\*Optical flicker percentage is measured at maximum output.

### APPLICATION

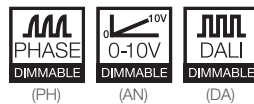
- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

### TECHNOLOGY BENEFITS

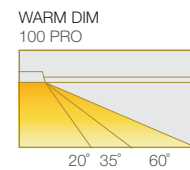
- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

### AVAILABLE OPTIONS

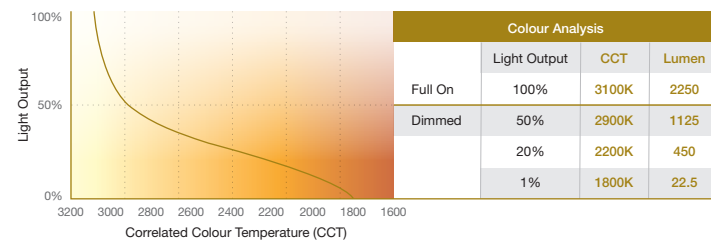
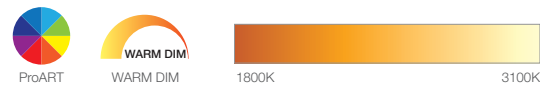
#### DRIVER



#### BEAM ANGLE



#### COLOUR TEMPERATURE

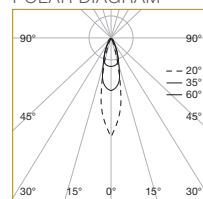


### DIMENSIONS (MM)

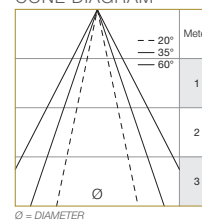


### 100 PRO / 100 PLE WARM DIM

#### POLAR DIAGRAM



#### CONE DIAGRAM



	E <sub>max</sub> (lx)		
	20°	35°	60°
E (0°)	9301	4842	2551
Cone DØ (m)	0.40	0.67	1.02
E (0°)	2325	1210	638
Cone DØ (m)	0.81	1.34	2.05
E (0°)	1033	538	283
Cone DØ (m)	1.21	2.01	3.07

### SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour Temperature	Beam Angle	PROART CRI 95		Driver Options
				Intensity (cd)	Luminous Flux (lm)	
23W	28W	WARM DIM 3100K ~ 1800K	60°	2550	2200	PH, AN, DA
			35°	4840		
			20°	9300		

the table information is at nominal values accuracy of +/-7%  
nominal CRI ~95, equal to Ra >90-97, R9 > 50

### DETAILS SPECIFICATION

Family Type	100 Series
Mains Voltage	220-240, 50Hz
Colour	Black
Installation Compatibility	Compatible with ELR SNOOP-4 fixture variants
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C), B10
Dimming	Phase (leading & trailing edge), 0-10V, DALI
Mains connection	Loop-in-loop-out terminals for convenient connection
Materials	Aluminium, plastic
Fire safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability mark	F
IP Code (Module Only)	IP40
Safety class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	~ 140g

### ORDERING MATRIX CHART

LED Power	LED MODULE			DRIVER
	Beam Angle	Colour Temp	CRI	Dimming
<b>ELR100PLE</b> 23W	20 20°	<b>WD</b> WARM DIM	<b>PA</b> ProART	<b>PH</b> Phase
	35 35°			<b>AN</b> 0-10V
	60 60°			<b>DA</b> DALI

example: ELR100PLE.20.WD.PA.PH