

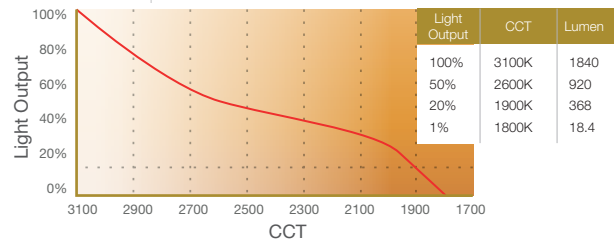
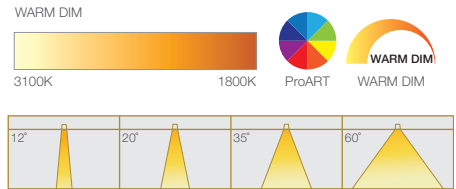
# 100 PLE WARM DIM

## 23W DIM-TO-WARM LED ENGINE

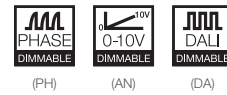


### AVAILABLE OPTIONS

#### LED MODULE



#### DRIVER DIMMING



### TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

### DIMENSIONS (MM)



For designated fixtures only and NOT to be operated independently or with downlight fixtures.

**LED Module**

**SPECIFICATIONS**

Family Type	100 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	670mA
Colour	Black
Installation Compatibility	Compatible with ELR SNOOP-4 fixture variants
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C), B10
Beam Angles	12°, 20°, 35°, 60°
Colour Temperatures	Warm Dim (3100K - 1800K)
CRI	ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	Phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, WW-1
Flammability Mark	F
Ingress Protection	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

**100 PLE WARM DIM**

Height (m)		E <sub>max</sub> (lx)			
		12°	20°	35°	60°
1	E(0°)	9999	7779	4049	2134
	Cone Ø (m)	0.27	0.40	0.67	1.02
2	E(0°)	2500	1945	1012	533
	Cone Ø (m)	0.54	0.81	1.34	2.05
3	E(0°)	1111	864	450	237
	Cone Ø (m)	0.81	1.21	2.01	3.07
4	E(0°)	625	486	253	133
	Cone Ø (m)	1.08	1.61	2.68	4.09
5	E(0°)	400	311	162	85
	Cone Ø (m)	1.35	2.02	3.35	5.12

ELR Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3100K			
				12°	20°	35°	60°
100 PLE WD	23W	28W	ProART CRI~95	1840	1840	1840	1840

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

**ORDERING MATRIX CHART**

LED Module				Driver		
LED Power	Beam Angle		Colour Temp	CRI	Dimming	
<b>ELR100PLE</b>	23W	<b>12</b>	12°	<b>WD</b> Warm Dim	<b>PA</b> ProART	<b>PH</b> Phase
		<b>20</b>	20°			<b>AN</b> 0-10V
		<b>35</b>	35°			<b>DA</b> DALI
		<b>60</b>	60°			

example: ELR100PLE.20.WD.PA.PH