

20 PLE / 20 CLE WARM DIM

8W / 6.2W DIM-TO-WARM LED ENGINE

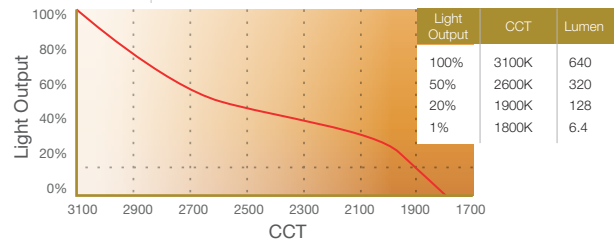


AVAILABLE OPTIONS

LED MODULE

WARM DIM

3100K 1800K ProART WARM DIM



DRIVER DIMMING

(PH) (AN) (DA)

TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)

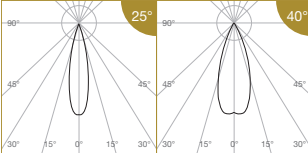


For designated fixtures only and NOT to be operated independently or with downlight fixtures.

SPECIFICATIONS

Family Type	20 Series	Driver (Dimming)	Phase (leading & trailing edge), 0-10V, DALI
Mains Voltage	220-240V, 50Hz	Mains Connection	Screw terminals for convenient connection
Typical Operating Voltage	34V	Materials	Aluminium, plastic
Typical Operating Current	230mA (20 PLE), 180mA (20 CLE)	Fire Safety	Glow wire test 850°C, UL94V-0, WW-1
Colour	Black	Flammability Mark	F
Installation Compatibility	Compatible with ELR NEBULA-2 fixture variants	Ingress Protection	IP54 (module only)
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10	Safety Class	Class 2
Beam Angles	25°, 40°	Standards	IEC 62031, IEC 61347-2-13
Colour Temperatures	Warm Dim (3100K - 1800K)	Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
CRI	ProART (CRI~95)	Weight	35g
SDCM	2 step MacAdam ellipse binning		

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Height (m)		E _{max} (lx)		ELR Module				Luminous Flux (lm)	
		25°	40°	Type	LED Power	System Power	CRI	3100K	
1	E(0°)	2217	1188	20 PLE WD	8W	10.5W	ProART CRI-95	25°	40°
	Cone Ø (m)	0.45	0.72					640	640
2	E(0°)	554	297	20 CLE WD	6.2W	8.3W	ProART CRI-95	25°	40°
	Cone Ø (m)	0.91	1.45					500	500
3	E(0°)	246	132						
	Cone Ø (m)	1.36	2.17						
4	E(0°)	139	74						
	Cone Ø (m)	1.82	2.90						
5	E(0°)	89	48						
	Cone Ø (m)	2.27	3.62						

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

Correction Factor: 20CLE WD - f = 0.78

ORDERING MATRIX CHART

LED Module								Driver	
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
ELR20PLE	8W	25	25°	WD	Warm Dim	PA	ProART	PH	Phase
ELR20CLE	6.2W	40	40°					AN	0-10V
								DA	DALI

example: ELR20PLE.40.WD.PA.DA