

20 PLE / 20 CLE tuneWHITE

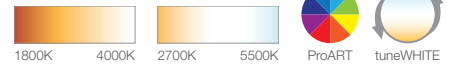
8W / 6.2W TUNABLE WHITE LED ENGINE



AVAILABLE OPTIONS

LED MODULE

tuneWHITE



DRIVER DIMMING



TECHNOLOGY AND FEATURES

ATEPS
Advanced Thermal Protection System

ComfyEYE
Low Flicker,
No Risk
(IEEE 1789)

X BEAM
Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



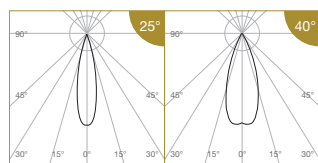
For designated fixtures only and NOT to be operated independently or with downlight fixtures.

SPECIFICATIONS

Family Type	20 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	230mA (20 PLE), 180mA (20 CLE)
Colour	Black
Installation Compatibility	Compatible with ELR NEBULA-2 fixture variants
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	25°, 40°
Colour Temperatures	tuneWHITE 1800K - 4000K, tuneWHITE 2700K - 5500K
CRI	ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	DALI device type 8
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	IP54 (module only)
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	35g

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Height (m)		Emax (lx)	
		25°	40°
1	E(0°)	1546	1364
	Cone Ø (m)	0.45	0.72
2	E(0°)	386	341
	Cone Ø (m)	0.91	1.45
3	E(0°)	172	152
	Cone Ø (m)	1.36	2.17
4	E(0°)	97	85
	Cone Ø (m)	1.82	2.90
5	E(0°)	62	55
	Cone Ø (m)	2.27	3.62

Correction Factor: 20C TW / FK - f = 0.84

ELR LED Module				Luminous Flux (lm)	
Type	LED Power	System Power	CRI	5500K	
				25°	40°
20 PLE TW	8W	10.5W	ProART CRI~95	735	735
20 CLE TW	6.2W	8.3W	ProART CRI~95	615	615

Data are based on maximum output at highest CCT (5500K).
 4000K will have a nominal data value of 5% lower than published.
 2700K will have a nominal data value of 10% lower than published.
 1800K will have a nominal data value of 30% lower than published.
 Nominal CRI~95, equals to Ra>90~97, R9>50

ORDERING MATRIX CHART

LED Module					Driver	
LED Power	Beam Angle		Colour Temp	CRI	Dimming	
ELR20PLE	8W	25° 25°	TW1840 tuneWHITE 1800K-4000K	PA ProART	DT8	DALI DT8
ELR20CLE	6.2W	40° 40°	TW2755 tuneWHITE 2700K-5500K			

example: ELR20PLE.40.TW2755.PA.DT8