ELR®

20 PLE tuneWHITE

8W / 6.2W TUNABLE WHITE LED MODULE
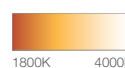
20 PLE tuneWHITE 8W is formerly known as 20 PLE tuneWHITE
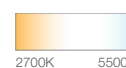*20 PLE tuneWHITE 6.2W is formerly known as 20 CLE tuneWHITE*

AVAILABLE OPTIONS

LED MODULE	tuneWHITE				
	1800K — 4000K	2700K — 5500K	**PA** ProART	tuneWHITE	
	25°		40°		

DRIVER DIMMING	DALI DT8 DIMMABLE (DT8)

TECHNOLOGY AND FEATURES

ATePS

Advanced Thermal
Protection System

ComfyEYE

Low Flicker,
No Risk
(IEEE 1789)

X BEAM

Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)

Ø47
24
Ø35

L145 x W31 x H26

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

The information above is at nominal values accuracy of +/-7%.   For the latest specifications please refer to the website.

SPECIFICATIONS

Family Type	20 Series		Ingress Protection	IP54 (LED engine only)
Typical Operating Voltage	34V		Weight	35g (LED engine), 92g (driver)
Typical Operating Current	230mA (20 PLE tuneWHITE 8W), 180mA (20 PLE tune-WHITE 6.2W)		Dimming	DALI device type 8
			Mains Connection	Screw terminals for convenient connection
System / Input Power	9.8W (20 PLE tuneWHITE 8W), 7.6W (20 PLE tuneWHITE 6.2W)		Mains Voltage	220-240V, 50Hz
			Power Factor	>0.9
Colour	Black		Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Materials	Aluminium, plastic		Flammability Mark	F
Compatibility	Compatible with ELR NEBULA-2 fixture variants		Safety Class	Class 2
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10		Standards	IEC 62031, IEC 61347-2-13
Beam Angles	25°, 40°		Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Colour Temperatures	tuneWHITE 1800K - 4000K, tuneWHITE 2700K - 5500K			
CRI	ProART (CRI~95)			
SDCM	2 step MacAdam ellipse binning			

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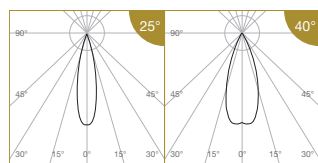
Height (m)		Emax (lx)	
		25°	40°
1	E(0°)	1546	1364
	Cone Ø (m)	0.45	0.72
2	E(0°)	386	341
	Cone Ø (m)	0.91	1.45
3	E(0°)	172	152
	Cone Ø (m)	1.36	2.17
4	E(0°)	97	85
	Cone Ø (m)	1.82	2.90
5	E(0°)	62	55
	Cone Ø (m)	2.27	3.62

Correction Factor: 20P TW / FK 6.2W ‒ ƒ = 0.84

ELR LED Engine				Luminous Flux (lm)	
				5500K	
Type	LED Power	System Power	CRI	25°	40°
20 PLE TW	8W	9.8W	ProART CRI~95	735	735
	6.2W	7.6W	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 Engine							
LED Power		Beam Angle		Colour Temp		CRI	
ELR20PLE.8	8W	25	25°	TW1840	tuneWHITE 1800K-4000K	PA	ProART
ELR20PLE.6	6.2W	40	40°	TW2755	tuneWHITE 2700K-5500K		

example: ELR20PLE.8.40.TW2755.PA

Driver							
Type		Dimming		Output Power		Colour Temp	
MP.DRA	Modular Pro ATePS Driver	DT8	DALI DT8	8	8W	TW1840	tuneWHITE 1800K-4000K
				6	6.2W	TW2755	tuneWHITE 2700K-5500K

example: MP.DRA.DT8.8.TW2755

Note: Please ensure that LED Power and Colour Temperature selection of LED engine matches the Output Power and Colour Temperature selection of driver when ordering.