

20 PRO / 20 CLASSIC tuneWHITE

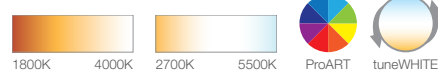
8W / 6.2W TUNABLE WHITE LED MODULE



AVAILABLE OPTIONS

LED MODULE

tuneWHITE



DRIVER DIMMING



TECHNOLOGY AND FEATURES



Advanced Thermal
Protection System

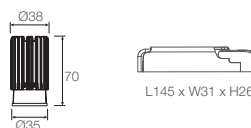


Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)

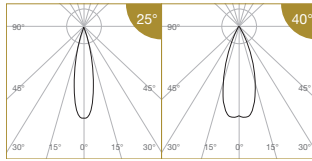


SPECIFICATIONS

Family Type	20 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	230mA (20 Pro), 180mA (20 Classic)
Colour	Black
Installation Compatibility	Compatible with ELR size-2 fixtures or most MR11 fittings.
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	80g

20 CLASSIC / 20 PRO 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: 20C TW / FK - f = 0.84

ELR LED Module				Luminous Flux (lm)	
Type	LED Power	System Power	CRI	5500K	
				25°	40°
20 Pro TW	8W	10.5W	ProART CRI-95	735	735
20 Classic 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	
ELR20P 8W	25 25°	TW1840 tuneWHITE 1800K-4000K	PA ProART	DT8	DALI DT8
ELR20C 6.2W	40 40°	TW2755 tuneWHITE 2700K-5500K			

example: ELR20P.40.TW2755.PA.DT8