

50 PRO MAX

17W LED MODULE

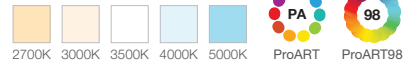
50 Pro Max 17W is formerly known as 50 Classic Max



AVAILABLE OPTIONS

LED MODULE

SINGLE CCT



DRIVER DIMMING



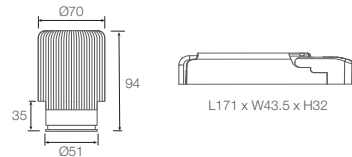
TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker,
No Risk
(IEEE 1789)

Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	50 Series
Typical Operating Voltage	35V
Typical Operating Current	500mA
System / Input Power	20.7W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR size-3 fixtures or most MR16 fittings, ELR size-4 fixtures or most AR70 fittings with optional mounting brackets.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency ProART (CRI-95), ProART98 (CRI-98)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam (LED module only)
Weight	320g (LED module), 237g (driver)
Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS

50 PRO MAX 17W SINGLE CCT

Height (m)	E(0°)	Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	13541	9355	5501	2127
	Cone Ø (m)	0.19	0.34	0.58	1.10
2	E(0°)	3385	2339	1375	532
	Cone Ø (m)	0.38	0.68	1.15	2.20
3	E(0°)	1505	1039	611	236
	Cone Ø (m)	0.57	1.03	1.73	3.30
4	E(0°)	846	585	344	133
	Cone Ø (m)	0.76	1.37	2.31	4.40
5	E(0°)	542	374	220	85
	Cone Ø (m)	0.95	1.71	2.89	5.50

ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3000K			
				10°	20°	35°	60°
50 Pro Max	17W	20.7W	High Efficiency ProART CRI-95	1700	2091	2091	2091
			ProART98 CRI-98	1139	1401	1401	1401

Data are based on 3000K (High Efficiency ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05) ProART98 CRI-98 will have a nominal data value of 33% lower than published. (f = 0.67)

Nominal CRI-95, equals to Ra>90-97, R9>50
Nominal CRI-98, equals to Ra>97-99, R9>93

ORDERING MATRIX CHART

LED Module											
LED Power		Beam Angle		Colour Temp		CRI					
ELR50PM.17	17W	10	10°	27	2700K	PA	ProART				
			20		3000K		PP	ProART98			
		35	35°	35	3500K	50					
			60		4000K						
		DD55	Ø55mm Dome Diffuser	5000K							
		DD80	Ø80mm Dome Diffuser								
DD120	Ø120mm Dome Diffuser										

Driver						
Type		Dimming		Output Power		
MP.DRA	Modular Pro ATePS Driver	ND	Non-Dim	17	17W	
			PH			Phase
			AN			0-10V
			DA			DALI

example: MP.DRA.DA.17

Note: Please ensure that LED Power of LED module matches the Output Power of driver when ordering.

example: ELR50PM.17.35.40.PA