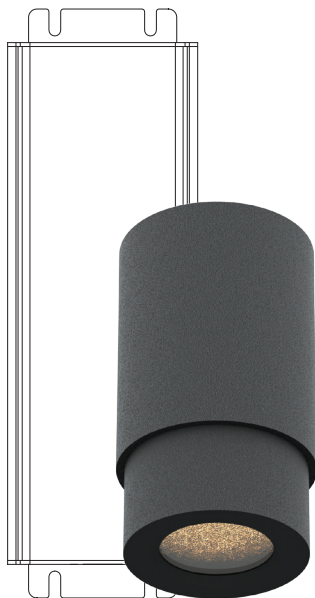


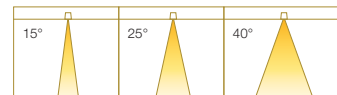
# 50 PRO IP66

8W / 6.2W LED MODULE



### AVAILABLE OPTIONS

#### LED MODULE



#### DRIVER DIMMING



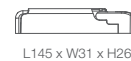
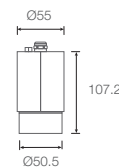
### TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

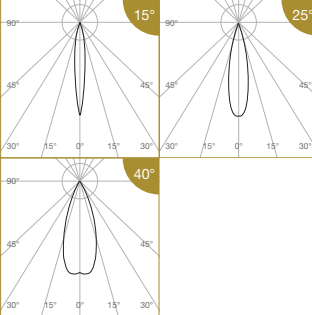
### DIMENSIONS (MM)



SPECIFICATIONS

Family Type	50 Series	Ingress Protection	IP66, IK08
Typical Operating Voltage	34V	Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Typical Operating Current	230mA (50 Pro IP66 8W), 180mA (50 Pro IP66 6.2W)	Mains Voltage	220-240V, 50Hz
System / Input Power	9.8W (50 Pro IP66 8W), 7.6W (50 Pro IP66 6.2W)	Power Factor	>0.9
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10	Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Beam Angles	15°, 25°, 40°	Flammability Mark	F
Colour Temperatures	2400K, 2700K, 3000K, 3500K, 4000K, 5000K	Safety Class	Class 2
CRI	High Efficiency ProART (CRI-95), ProART98 (CRI-98)	Standards	IEC 62031, IEC 61347-2-13
SDCM	2 step MacAdam ellipse binning	Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS

50 PRO IP66 8W SINGLE CCT



Height (m)		Emax (lx)			ELR LED Module			Luminous Flux (lm)			
		15°	25°	40°	Type	LED Power	System Power	CRI	3000K		
1	E(0°)	6100	3030	1624	50 Pro IP66	8W	9.8W	High Efficiency ProART CRI-95	810	801	792
	Cone Ø (m)	0.23	0.45	0.72					ProART98 CRI-98	558	552
2	E(0°)	1525	758	406		6.2W	7.6W	High Efficiency ProART CRI-95	651	644	636
	Cone Ø (m)	0.47	0.91	1.45					ProART98 CRI-98	457	452
3	E(0°)	678	337	180							
	Cone Ø (m)	0.70	1.36	2.17							
4	E(0°)	381	189	102							
	Cone Ø (m)	0.94	1.82	2.90							
5	E(0°)	244	121	65							
	Cone Ø (m)	1.17	2.27	3.62							

Data are based on 3000K (High Efficiency ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. At a CCT of 2400K, the minimal data value will be approximately 25% lower than the published value (f = 0.75). 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 31% lower than published. (f = 0.69) Nominal CRI-95, equals to Ra>90-97, R9>50 Nominal CRI-98, equals to Ra>97-99, R9>93

Correction Factor: 50P IP66 8W - f = 1.00  
50P IP66 6.2W - f = 0.80

ORDERING MATRIX CHART

LED Module					Driver										
LED Power	Ingress Protection	Beam Angle	Colour Temp	CRI	Type	Dimming	Output Power								
ELR50P.8	8W	IP66	IP66	15	15°	24	2400K	PA	ProART	MP.DRA-IP	Modular Pro External IP rated Driver	ND	Non-Dim	8	8W
ELR50P.6	6.2W			25	25°	27	2700K	PP	ProART98						
		40	40°	30	3000K			AN	0-10V						
				35	3500K			DA	DALI						
				40	4000K										
				50	5000K										

example: ELR50P.8.IP66.25.30.PA

example: MP.DRA-IP.DA.8

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