

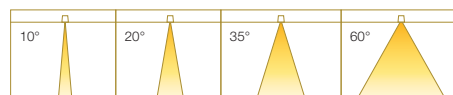
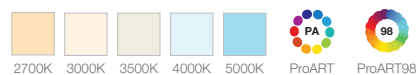
# 100 PRO IP66

12W / 10W LED MODULE



### AVAILABLE OPTIONS

#### LED MODULE



#### DRIVER DIMMING



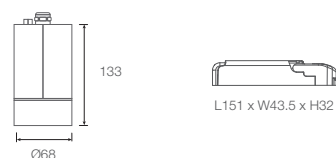
### TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

### DIMENSIONS (MM)



SPECIFICATIONS

Family Type	100 Series	Ingress Protection	IP66, IK08
Typical Operating Voltage	34V	Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Typical Operating Current	350mA (100 Pro IP66 12W), 300mA (100 Pro IP66 10W)	Mains Voltage	220-240V, 50Hz
System / Input Power	14.6W (100 Pro IP66 12W), 12.2W (100 Pro IP66 10W)	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	10°, 20°, 35°, 60°	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

100 PRO IP66 8W SINGLE CCT

Height (m)	Beam Angle	E <sub>max</sub> (lx)				ELR LED Module				Luminous Flux (lm)					
		10°	20°	35°	60°	Type	LED Power	System Power	CRI	3000K					
		E(0°)	Cone Ø (m)	E(0°)	Cone Ø (m)					10°	20°	35°	60°		
1	10°	9481	7441	4376	1692	100 Pro IP66	12W	14.6W	High Efficiency ProART CRI-95	927	1523	1541	1436		
	20°	2370	1860	1094	423				ProART98 CRI-98	652	984	995	927		
2	35°	1053	827	486	188				10W	12.2W	High Efficiency ProART CRI-95	787	1302	1317	1228
	60°	379	298	175	68						ProART98 CRI-98	561	836	846	788
3	10°	593	465	274	106		<i>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 3% lower than the published value (f = 0.97). 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 35% lower than published. (f = 0.65) Nominal CRI-95, equals to Ra&gt;90-97, R9&gt;50 Nominal CRI-98, equals to Ra&gt;97-99, R9&gt;53</i>								
	20°	0.76	1.40	2.31	4.20										
4	35°	0.379	298	175	68										
	60°	0.095	1.75	2.89	5.25										

Correction Factor: 100P IP66 12W - f = 1.00  
100P IP66 10W - f = 0.86

ORDERING MATRIX CHART

LED Module									
LED Power		Ingress Protection		Beam Angle		Colour Temp		CRI	
ELR100P.12	12W	IP66	IP66	10°	10°	24	2400K	PA	ProART
ELR100P.10	10W					27	2700K	PP	ProART98
				35°	35°	30	3000K		
				60°	60°	35	3500K		
						40	4000K		
						50	5000K		

example: ELR100P.12.IP66.35.40.PA

Driver					
Type		Dimming		Output Power	
MP.DRI	Modular Pro Integrated Driver	ND	Non-Dim	12	12W
		PH	Phase	10	10W
		AN	0-10V		
		DA	DALI		

example: MP.DRI.DA.12

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