

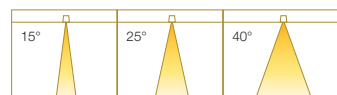
# 10 PRO

## 4.5W LED MODULE



### AVAILABLE OPTIONS

#### LED MODULE



#### DRIVER DIMMING



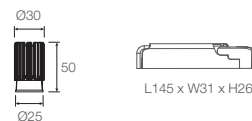
### TECHNOLOGY AND FEATURES

ATEPS  
Advanced Thermal Protection System

ComfyEYE  
Low Flicker,  
No Risk  
(IEEE 1789)

X BEAM  
Converging Optical Lens  
Maximising LOR

### DIMENSIONS (MM)

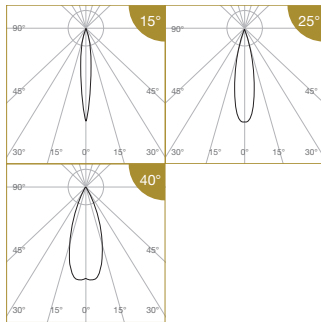


SPECIFICATIONS

Family Type	10 Series
Typical Operating Voltage	12V
Typical Operating Current	375mA
System / Input Power	5.5W
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	15°, 25°, 40°
Colour Temperatures	2700K, 3000K, 3500K, 4000K
CRI	High Efficiency ProART (CRI-95), ProART98 (CRI-98)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (LED module only)
Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
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

10 PRO 4.5W SINGLE CCT



Height (m)		E <sub>max</sub> (lx)		
		15°	25°	40°
1	E(0°)	1175	1052	835
	Cone Ø (m)	0.23	0.45	0.72
2	E(0°)	294	263	209
	Cone Ø (m)	0.47	0.91	1.45
3	E(0°)	131	117	93
	Cone Ø (m)	0.70	1.36	2.17
4	E(0°)	73	66	52
	Cone Ø (m)	0.94	1.82	2.90
5	E(0°)	47	42	33
	Cone Ø (m)	1.17	2.27	3.62

ELR LED Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	3000K		
				15°	25°	40°
10 Pro	4.5W	5.5W	High Efficiency ProART CRI-95	330	330	330

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)

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

Correction Factor: 10P 4.5W - f = 1.00

ORDERING MATRIX CHART

LED Module						
LED Power		Beam Angle		Colour Temp		CRI
<b>ELR10P.4</b>	4.5W	<b>15</b>	15°	<b>27</b>	2700K	<b>PA</b> ProART
			25°	<b>30</b>	3000K	
			40°	<b>35</b>	3500K	
				<b>40</b>	4000K	
				<b>50</b>	5000K	

example: ELR10P.4.25.30.PA

Driver					
Type		Dimming		Output Power	
<b>MP.DRA</b>	Modular Pro ATePS Driver	<b>ND</b>	Non-Dim	<b>4.5</b> 4.5W	
			<b>PH</b>		Phase
			<b>AN</b>		0-10V
			<b>DA</b>		DALI

example: MP.DRA.DA.8

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