

35 PRO

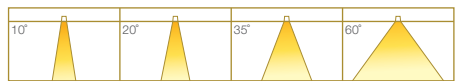
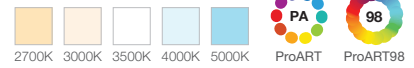
8W LED MODULE



AVAILABLE OPTIONS

LED MODULE

SINGLE CCT



DRIVER DIMMING



TECHNOLOGY AND FEATURES

ATePS
Advanced Thermal Protection System

ComfyEYE
Low Flicker, No Risk (IEEE 1789)

XBEAM
Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



L145 x W31 x H26

SPECIFICATIONS

Family Type	35 Series
Typical Operating Voltage	34V
Typical Operating Current	230mA
System / Input Power	9.8W
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	120g (LED module), 92g (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

35 PRO SINGLE CCT

Height (m)	E(0°)	Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	7012	4833	2842	1099
	Cone Ø (m)	0.19	0.34	0.58	1.10
2	E(0°)	1753	1208	711	275
	Cone Ø (m)	0.37	0.68	1.15	2.20
3	E(0°)	779	537	316	122
	Cone Ø (m)	0.56	1.03	1.73	3.30
4	E(0°)	438	302	178	69
	Cone Ø (m)	0.74	1.37	2.31	4.40
5	E(0°)	280	193	114	44
	Cone Ø (m)	0.93	1.71	2.89	5.50

ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3000K			
				10°	20°	35°	60°
35 Pro	8W	9.8W	High Efficiency ProART CRI-95	880	1080	1080	1080
			ProART98 CRI-98	590	724	724	724

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
ELR35P.8	10	10°	27 2700K PA ProART
		20	30 3000K PP ProART98
	35	35 3500K	
	60	40 4000K	
	DD55	Ø55mm Dome Diffuser	50 5000K
	DD80	Ø80mm Dome Diffuser	
DD120	Ø120mm Dome Diffuser		

example: ELR35P.8.20.40.PA

Driver				
Type	Dimming	Output Power		
MP.DRA	Modular Pro ATePS Driver	ND	Non-Dim	8 8W
		PH	Phase	
		AN	0-10V	
		DA	DALI	

example: MP.DRA.DA.8

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