

35 PRO HI (10°)

8W HIGH INTENSITY NARROW SPOT LED MODULE

35 Pro HI 8W is formerly known as 35 Pro HI



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)



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°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (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 HI

Height (m)	E(0°)	Cone Ø (m)	ELR LED Module				Luminous Flux (lm)	
			Type	LED Power	System Power	CRI	3000K	10°
1	E(0°)	0.19	35 Pro HI	8W	9.8W	High Efficiency CRI~85	660	
	Cone Ø (m)	0.37					561	
2	E(0°)	0.37					462	
	Cone Ø (m)	0.56						
3	E(0°)	0.56						
	Cone Ø (m)	0.74						
4	E(0°)	0.74						
	Cone Ø (m)	0.93						
5	E(0°)	0.93						
	Cone Ø (m)							

Data are based on 3000K (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) High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (f = 1.17) ProART98 CRI~98 will have a nominal data value of 18% lower than published. (f = 0.82)

Nominal CRI~85, equals to Ra>80~87, R9>0
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-HI.8 8W	10 10°	27 2700K	HE Ra~85
		30 3000K	PA ProART
		35 3500K	PP ProART98
		40 4000K	
		50 5000K	

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.

example: ELR35P-HI.8.10.40.PA