

35 PRO HI

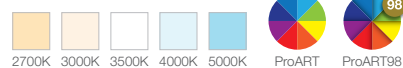
8W HIGH INTENSITY NARROW SPOT LED MODULE



AVAILABLE OPTIONS

LED MODULE

SINGLE CCT



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	35 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	230mA
Colour	Black
Installation 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 = 35°C), B10
Beam Angles	High intensity narrow spot (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

Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, WW-1
Flammability Mark	F
Ingress Protection	IP54 (module only)
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	120g

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Height (m)	E(0°)	Cone Ø (m)	ELR LED Module				Luminous Flux (lm)	
			Type	LED Power	System Power	CRI	3000K	10°
1	10°	0.19	35 Pro HI	8W	11W	High Efficiency CRI-85	11677	660
	E(0°)	0.37					2919	561
2	E(0°)	0.56					1297	462
	E(0°)	0.74					730	
3	E(0°)	0.93					467	
	E(0°)	0.93						
4	E(0°)							
	E(0°)							
5	E(0°)							
	E(0°)							

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 8% lower than published. (f = 0.92)

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								Driver	
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
ELR35P-HI	8W	NS	10°	27	2700K	HE	Ra~85	ND	Non-Dim
				30	3000K	PA	ProART	PH	Phase
				35	3500K	PP	ProART98	AN	0-10V
				40	4000K			DA	DALI
				50	5000K				

example: ELR35P-HI.NS.40.PA.DA