

35 PRO 24CV

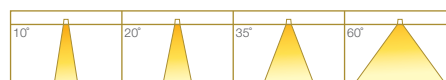
8W 24V DC CONSTANT VOLTAGE LED MODULE



AVAILABLE OPTIONS

LED MODULE

SINGLE CCT



Dome Diffuser: Ø120 Ø80 Ø55

DRIVER DIMMING



TECHNOLOGY AND FEATURES



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)

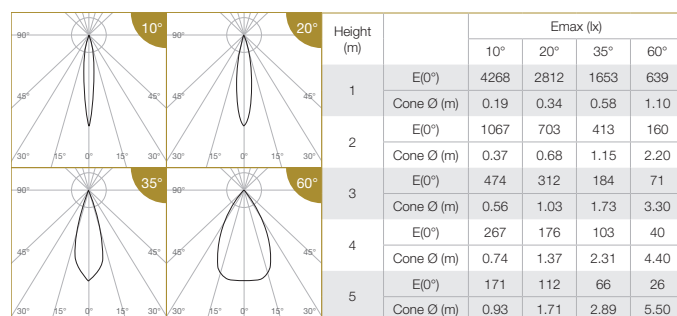


SPECIFICATIONS

Family Type	35 Series
Typical Operating Voltage	24V
Typical Operating Current	330mA
System / Input Power	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 (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam
Weight	120g
Dimming	Compatible with non-dim or phase (leading & trailing edge), 0-10V, DALI, DMX dimmable 24V DC constant voltage drivers
Mains Connection	2x0.5mm ² double insulated wires
Mains Voltage	24V DC constant voltage
Power Factor	N/A
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Safety Class	Class 3
Standards	IEC 62031
Regulatory Markings	CE, RoHS

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ELR LED Module			Luminous Flux (lm)			
Type	Input Power	CRI	3000K			
			10°	20°	35°	60°
35 Pro 24CV	8W	High Efficiency CRI~85	630	740	740	740
		ProART CRI~95	536	629	629	629
		ProART98 CRI~98	441	518	518	518

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							
Input Power		Beam Angle		Colour Temp		CRI	
ELR35P-24CV.8	8W	10	10°	27	2700K	HE	Ra~85
			20		3000K	PA	ProART
		35	35°	35	3500K	PP	ProART98
			60		4000K		
		DD55	Ø55mm Dome Diffuser	50	5000K		
		DD80	Ø80mm Dome Diffuser				
DD120	Ø120mm Dome Diffuser						

example: ELR35P-24CV.8.20.40.PA

*Drivers for 24CV LED modules are sold separately.