

35 PRO

8W LED MODULE



- Feather weight construction, ~100 grams
- Class 2 LED module with external LED driver
- >125 lm/W module
- Colour rendering index, ProART Ra~95, Standard Ra~85
- 3 steps MacAdam ellipse binning
- ATePS™ smart thermal dimming to protect LED lifetime*
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%**
- X-BEAM converging optical lens maximises luminaire light output ratio
- IP40



*ATEPS™ Automated Thermal Protection System is the trademark of ELR.

**Optical flicker percentage is measured at maximum output.

APPLICATION

- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

AVAILABLE OPTIONS

DRIVER



(ND)



(PH)



(AN)



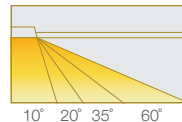
(DA)

COLOUR TEMPERATURE



BEAM ANGLE

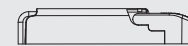
SINGLE CCT
35 PRO



DIMENSIONS (MM)



Ø51



L145 x W31 x H26

SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour Temperature	Beam Angle	STANDARD CRI 85		PROART CRI 95		Driver Options
				Intensity (cd)	Luminous Flux (lm)	Intensity (cd)	Luminous Flux (lm)	
8W	11W	WARM : 2700K	60°	1020	1000	867	850	ND, PH, DA, AN
		WARM : 3000K	35°	2630	1000	2236	850	
		NATURAL : 3500K	20°	6220	850	5287	723	
		NATURAL : 4000K	10°	6770	850	5755	723	
		COOL : 5000K						

Data are based on 3000K. 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.

the table information is at nominal values accuracy of +/-7%
nominal CRI ~85, equal to Ra >80-87, R9 > 0
nominal CRI ~95, equal to Ra >90-97, R9 > 50

DETAILS SPECIFICATION

Family Type	35 Series
Mains Voltage	220-240, 50Hz
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
Dimming	Phase (leading & trailing edge), 0-10V, DALI
Mains connection	Loop-in-loop-out terminals for convenient connection
Materials	Aluminium, plastic
Fire safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability mark	F
IP Code (Module Only)	IP40
Safety class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	~ 100g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR35P 8W	10 10°	27 2700K	Standard	ND Non-Dim
	20 20°	30 3000K	PA ProART	PH Phase
	35 35°	35 3500K		AN 0-10V
	60 60°	40 4000K		DA DALI
		50 5000K		

example: ELR35P.20.40.PH