

35 PRO flexiK

8W FLEXIBLE WHITE LED MODULE



AVAILABLE OPTIONS

LED MODULE

flexiK

1800K 5500K ProART flexiK

20° 35° 60°

ACCESSORIES

Dome Diffuser: Ø120 Ø80 Ø55

DRIVER DIMMING

PHASE DIMMABLE (FH) 0-10V DIMMABLE (AN) DALI DIMMABLE (DA)

TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)

Ø51 49

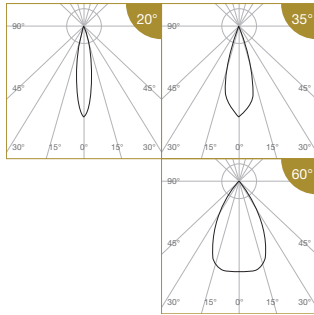
L145 x W31 x H26

SPECIFICATIONS

Family Type	50 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	20°, 35°, 60°
Colour Temperatures	flexiK (any CCT within 1800K - 5500K by increment of 100K)
CRI	ProART (CRI-95)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	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	160g

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Height (m)		Emax (lx)		
		20°	35°	60°
1	E(0°)	3625	2132	824
	Cone Ø (m)	0.34	0.58	1.10
2	E(0°)	906	533	206
	Cone Ø (m)	0.68	1.15	2.20
3	E(0°)	403	237	92
	Cone Ø (m)	1.03	1.73	3.30
4	E(0°)	227	133	52
	Cone Ø (m)	1.37	2.31	4.40
5	E(0°)	145	85	33
	Cone Ø (m)	1.71	2.89	5.50

ELR Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	5500K		
				20°	35°	60°
35 Pro FK	12W	15.2W	ProART CRI-95	810	810	810

Data are based on maximum output at 5000K - 5500K range.
 3500K - 5000K will have a nominal data value of 5% lower than published.
 2700K - 3500K will have a nominal data value of 10% lower than published.
 2400K - 2700K will have a nominal data value of 20% lower than published.
 1800K - 2400K will have a nominal data value of 30% lower than published.
 Nominal CRI-95, equals to Ra>90-97, R9>50

LED Module						Driver			
LED Power	Beam Angle		Colour Temp		CRI		Dimming		
ELR35P	8W	20	20°	FK##	flexiK	PA	ProART	PH	Phase
		35	35°					AN	0-10V
		60	60°					DA	DALI
		DD55	Ø55mm Dome Diffuser						
		DD80	Ø80mm Dome Diffuser						
		DD120	Ø120mm Dome Diffuser						

denotes the first two digits of preferred CCT ranging from 1800K to 5500K by increment of 100K.

example: ELR50P.35.FK35.PA.PH