

50 NEST flexiK

9.4W FLEXIBLE WHITE INTEGRATED LED MODULE



AVAILABLE OPTIONS

LED MODULE

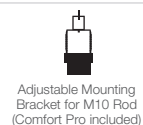
flexiK

1800K 5500K ProART flexiK

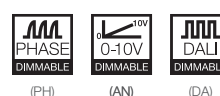
20° 35° 60°

Dome Diffuser: Ø120 Ø80 Ø55

ACCESSORIES



DRIVER DIMMING



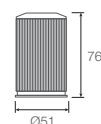
TECHNOLOGY AND FEATURES

ATEPS
Advanced Thermal Protection System

ComfyEYE
Low Flicker, No Risk (IEEE 1789)

BEAM
Converging Optical Lens Maximising LOR

DIMENSIONS (MM)

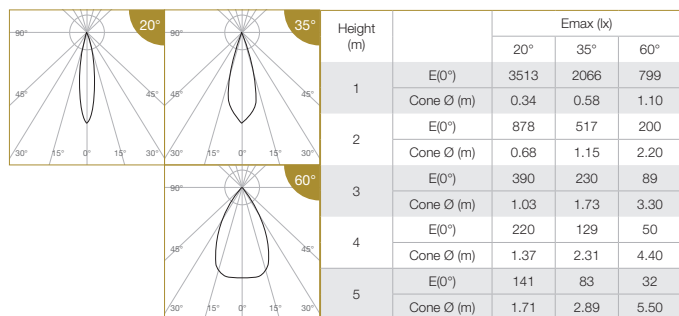


SPECIFICATIONS

Family Type	50 NEST Series
Typical Operating Voltage	34V
Typical Operating Current	220mA
System / Input Power	9.4W
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	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

Ingress Protection	IP54 (LED module only)
Weight	120g
Dimming	Integrated - phase (leading & trailing edge), 0-10V, DALI
Mains Connection	100mm 2x0.75mm ² double insulated wires
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

50 NEST flexiK



ELR LED Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	5500K		
				20°	35°	60°
50 NEST FK	7.5W	9.4W	ProART CRI-95	785	785	785

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

ORDERING MATRIX CHART

LED Module									
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
ELR50N.7	10W	20	20°	FK##	flexiK	PA	ProART	PH	Phase
			35					AN	0-10V
			60					DA	DALI
		DD55	Ø55mm Dome Diffuser						
			DD80	Ø80mm Dome Diffuser					
				DD120	Ø120mm Dome Diffuser				

Accessories	
Type	
AMB10	Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)

denotes the first two digits of preferred CCT ranging from 1800K to 5500K by increment of 100K.
 example: ELR50N.7.35.FK35.PA.PH