

# 50 NEST

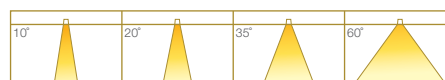
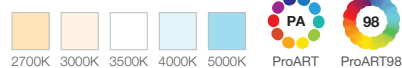
9.4W INTEGRATED LED MODULE



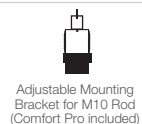
## AVAILABLE OPTIONS

### LED MODULE

SINGLE CCT



### ACCESSORIES



### DRIVER DIMMING



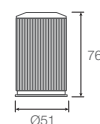
## TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

## DIMENSIONS (MM)

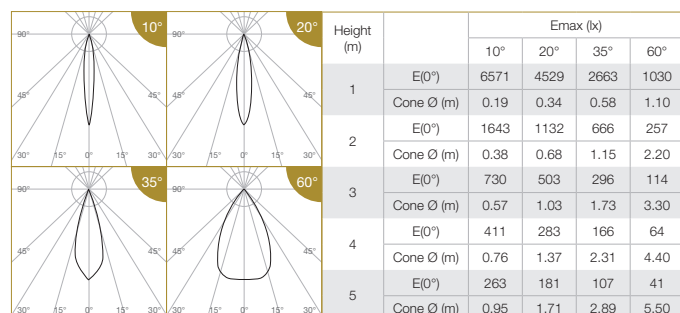


SPECIFICATIONS

Family Type	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	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency ProART (CRI-95), ProART98 (CRI-98)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam (LED module only)
Weight	120g
Dimming	Integrated - phase (leading & trailing edge), 0-10V, DALI
Mains Connection	100mm 2x0.75mm <sup>2</sup> 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 SINGLE CCT



ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3000K			
				10°	20°	35°	60°
50 NEST	7.5W	9.4W	High Efficiency ProART CRI-95	825	1013	1013	1013
			ProART98 CRI-98	553	679	679	679

Data are based on 3000K (High Efficiency 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)  
 ProART98 CRI-98 will have a nominal data value of 33% lower than published. (f = 0.67)  
 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			
ELR50N.7	10	27	2700K	PA	ProART	ND	Non-Dim
		30	3000K	PP	ProART98	PH	Phase
	35	3500K			AN	0-10V	
	60	4000K			DA	DALI	
	DD55	50	5000K				
	DD80						
	DD120						

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

example: ELR50N.7.20.40.PA.PH