

# 35 NEST

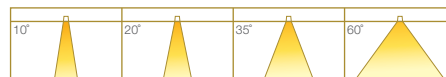
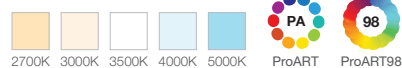
6.9W INTEGRATED LED MODULE



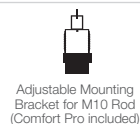
## AVAILABLE OPTIONS

### 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	35 NEST Series
Typical Operating Voltage	34V
Typical Operating Current	160mA
System / Input Power	6.9W
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	80g
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

35 NEST SINGLE CCT

Beam Angle	Height (m)	E(0°)	Emax (lx)				ELR LED Module			Luminous Flux (lm)				
			10°	20°	35°	60°	Type	LED Power	System Power	CRI	3000K			
10°	1	E(0°)	4815	3319	1952	755	35 NEST	5.5W	6.9W	High Efficiency ProART CRI-95	605	743	743	743
		Cone Ø (m)	0.19	0.34	0.58	1.10					10°	20°	35°	60°
20°	2	E(0°)	1204	830	488	189	35 NEST	5.5W	6.9W	ProART98 CRI-98	405	498	498	498
		Cone Ø (m)	0.37	0.68	1.15	2.20					10°	20°	35°	60°
35°	3	E(0°)	535	369	217	84	35 NEST	5.5W	6.9W	ProART98 CRI-98	405	498	498	498
		Cone Ø (m)	0.56	1.03	1.73	3.30					10°	20°	35°	60°
60°	4	E(0°)	301	207	122	47	35 NEST	5.5W	6.9W	ProART98 CRI-98	405	498	498	498
		Cone Ø (m)	0.74	1.37	2.31	4.40					10°	20°	35°	60°
60°	5	E(0°)	193	133	78	30	35 NEST	5.5W	6.9W	ProART98 CRI-98	405	498	498	498
		Cone Ø (m)	0.93	1.71	2.89	5.50					10°	20°	35°	60°

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					
ELR35N.5	5.5W	10	10°	27	2700K	PA	ProART	ND	Non-Dim
		20	20°	30	3000K	PP	ProART98	PH	Phase
	35	35°	35	3500K			AN	0-10V	
	60	60°	40	4000K			DA	DALI	
	DD55	Ø55mm Dome Diffuser	50	5000K					
	DD80	Ø80mm Dome Diffuser							
DD120	Ø120mm Dome Diffuser								

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

example: ELR35N.5.20.40.PA.PH