

# 35 NEST

7.5W INTEGRATED LED MODULE



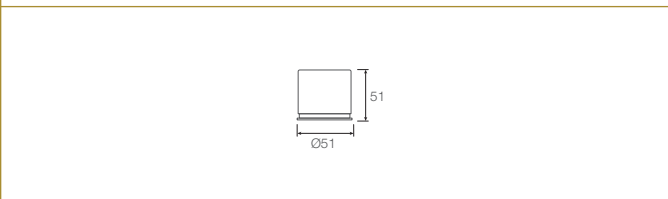
### AVAILABLE OPTIONS

<b>LED MODULE</b>	<p>SINGLE CCT</p> <p>2700K 3000K 3500K 4000K 5000K ProART ProART98</p>
<b>ACCESSORIES</b>	<p>Dome Diffuser: Ø120 Ø80 Ø55 Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)</p>
	<p><b>DRIVER DIMMING</b></p> <p>(ND) (PH) (AN) (DA)</p>

### TECHNOLOGY AND FEATURES

<p>Advanced Thermal Protection System</p>	<p>Low Flicker, No Risk (IEEE 1789)</p>	<p>Converging Optical Lens Maximising LOR</p>
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### DIMENSIONS (MM)



SPECIFICATIONS

Family Type	35 NEST Series
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
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 = 25°C), B10
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	Integrated - phase (leading & trailing edge), 0-10V, DALI
Mains Connection	100mm 2x0.75mm <sup>2</sup> double insulated wires
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, WW-1
Flammability Mark	F
Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam (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	80g

35 NEST SINGLE CCT

Height (m)		Emax (x)			
		10°	20°	35°	60°
1	E(0°)	3723	2663	1566	606
	Cone Ø (m)	0.19	0.34	0.58	1.10
2	E(0°)	931	666	392	151
	Cone Ø (m)	0.38	0.68	1.15	2.20
3	E(0°)	414	296	174	67
	Cone Ø (m)	0.57	1.03	1.73	3.30
4	E(0°)	233	166	98	38
	Cone Ø (m)	0.76	1.37	2.31	4.40
5	E(0°)	149	107	63	24
	Cone Ø (m)	0.95	1.71	2.89	5.50

ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3000K			
				10°	20°	35°	60°
35 NEST	5.5W	7.5W	High Efficiency CRI~85	550	700	700	700
			ProART CRI~95	468	595	595	595
			ProART98 CRI~98	385	490	490	490

Data are based on 3000K (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)  
 High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (f = 1.17)  
 ProART98 CRI~98 will have a nominal data value of 18% lower than published. (f = 0.82)  
 Nominal CRI~85, equals to Ra>80~87, R9>0  
 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	5.5W	10°	27	2700K	HE	Ra~85	ND	Non-Dim
			30	3000K	PA	ProART	PH	Phase
		20°	35	3500K	PP	ProART98	AN	0-10V
			40	4000K			DA	DALI
		35°	50	5000K				
			DD55	Ø55mm Dome Diffuser				
DD80	Ø80mm Dome Diffuser							
DD120	Ø120mm Dome Diffuser							

example: ELR35N.20.40.PA.PH

Accessories	
Type	
AMBM10	Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)