

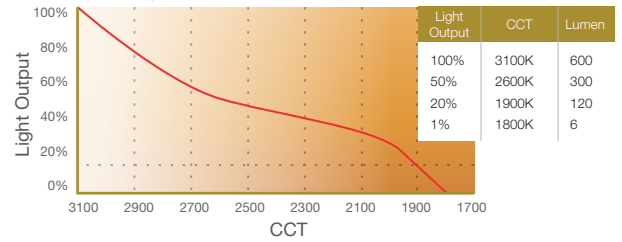
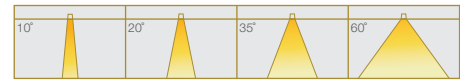
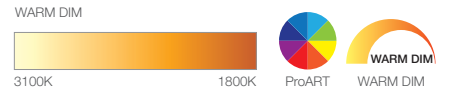
# 50 NEST WARM DIM

## 10W DIM-TO-WARM INTEGRATED LED MODULE



### AVAILABLE OPTIONS

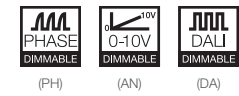
#### LED MODULE



#### ACCESSORIES



#### DRIVER DIMMING



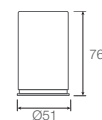
### TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

### DIMENSIONS (MM)



SPECIFICATIONS

Family Type	50 NEST Series
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	Warm Dim (3100K - 1800K)
CRI	ProART (CRI~95)
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, VW-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	120g

50 NEST WARM DIM

Height (m)		Emax (x)			
		10°	20°	35°	60°
1	E(0°)	3261	2684	1578	610
	Cone Ø (m)	0.27	0.34	0.58	1.10
2	E(0°)	815	671	395	153
	Cone Ø (m)	0.54	0.68	1.15	2.20
3	E(0°)	362	298	175	68
	Cone Ø (m)	0.81	1.03	1.73	3.30
4	E(0°)	204	168	99	38
	Cone Ø (m)	1.08	1.37	2.31	4.40
5	E(0°)	130	107	63	24
	Cone Ø (m)	1.35	1.71	2.89	5.50

ELR Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3100K			
				10°	20°	35°	60°
50 NEST WD	7.5W	10W	ProART CRI-95	600	600	600	600

Data are based on maximum output at 3100K.  
Nominal CRI-95, equals to Ra>90-97, R9>50

ORDERING MATRIX CHART

LED Module					Driver			
LED Power	Beam Angle		Colour Temp	CRI	Dimming			
ELR50N	7.5W	10	10°	WD	PA	ProART	PH	Phase
		20	20°				AN	0-10V
		35	35°				DA	DALI
		60	60°					
		DD55	Ø55mm Dome Diffuser					
		DD80	Ø80mm Dome Diffuser					
		DD120	Ø120mm Dome Diffuser					

example: ELR50N.35.WD.PA.PH

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