

# 50 NEST WARM DIM

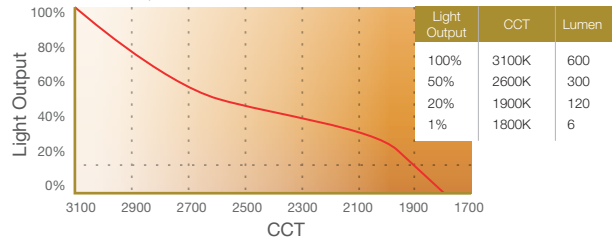
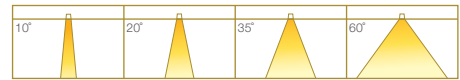
## 9.4W DIM-TO-WARM INTEGRATED LED MODULE



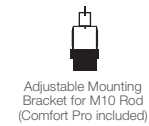
### AVAILABLE OPTIONS

#### LED MODULE

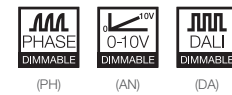
WARM DIM



#### ACCESSORIES



#### DRIVER DIMMING



### TECHNOLOGY AND FEATURES



Advanced Thermal Protection System

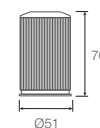


Low Flicker, No Risk (IEEE 1789)



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	Warm Dim (3100K - 1800K)
CRI	ProART (CRI~95)
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 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	9.4W	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	7.5W	10	10°	WD	Warm Dim	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							

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

example: ELR50N.7.35.WD.PA.PH