

50 NEST WARM DIM

10W DIM-TO-WARM
INTEGRATED LED MODULE



- Feather weight construction, ~120 grams
- Class 2 LED module with integrated LED driver
- >55 lm/W system efficacy
- Colour rendering index, ProART Ra~95
- 3 steps MacAdam ellipse binning
- ATePS™ smart thermal dimming to protect LED lifetime*
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%**
- X-BEAM converging optical lens maximises luminaire light output ratio
- IP40 for 10° beam module, IP54 for 20°/35°/60° beam module
- Power factor > 0.9



*ATEPS™ Automated Thermal Protection System is the trademark of ELR.

APPLICATION

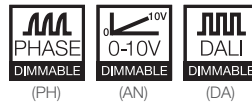
- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

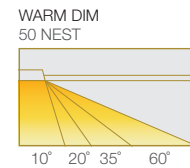
- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

AVAILABLE OPTIONS

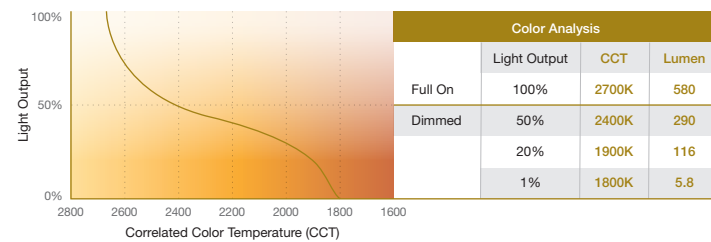
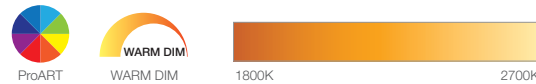
DRIVER



BEAM ANGLE



TEMPERATURE



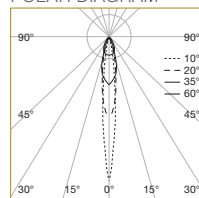
DIMENSIONS (MM)

*Displayed height measurements are for highest point of fitting.

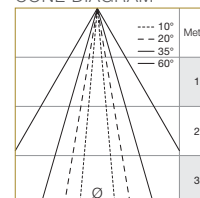


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POLAR DIAGRAM



CONE DIAGRAM



	Emax (lx)			
	10°	20°	35°	60°
E (0°)	4620	2594	1526	528
Cone DD (m)	0.19	0.34	0.58	1.15
E (0°)	1155	649	381	132
Cone DD (m)	0.38	0.68	1.15	2.31
E (0°)	513	288	170	59
Cone DD (m)	0.57	1.03	1.73	3.45

SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour	CCT	Beam Angle	PROART CRI 95		Driver Options
					Intensity (cd)	Luminous Flux	
7.5W	10W	WARM DIM	2700K ~ 1800K	60°	520	580	PH, AN, DA
				35°	1520		
				20°	2590		
				10°	4610		

the table information is at nominal values accuracy of +/-7%
nominal CRI ~95, equal to Ra >90-97, R9 > 50

DETAILS SPECIFICATION

Family Type	50 NEST WARM DIM Series
Mains Voltage	220-240, 50Hz
Power factor	>0.9
Colour options	Black
Installation Compatibility	Compatible with most MR16 fittings. Optional AR70 and AR111 mounting brackets available.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25C°), B10
Dimming	Phase (triac) dimmer, 0-10V, DALI
Mains connection	100mm 2x0.75mm ² double insulated wires
Materials	Aluminium, plastic
Fire safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability mark	F
IP Code (Module Only)	IP40 (10° beam module), IP54 (20°/35°/60° beam module)
Safety class	Class 2
Accessories	AR70, AR111
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	~ 120g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR50N 10W	—	—	—	—
	10 10°	WD WARM DIM	PA ProART	PH Phase
	20 20°			AN 0-10V
	35 35°			DA DALI
	60 60°			

example: ELR50N.35.WD.PA.PH