

50 PRO WARM DIM

13W DIM-TO-WARM LED
MODULE



- Feather weight construction, ~100 grams
- Class 2 LED module with external LED driver
- >80 lm/W module
- 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



The information above is at nominal values accuracy of +/-7%.

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

APPLICATION

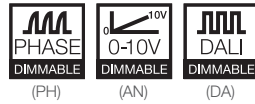
- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

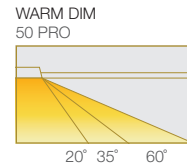
- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

AVAILABLE OPTIONS

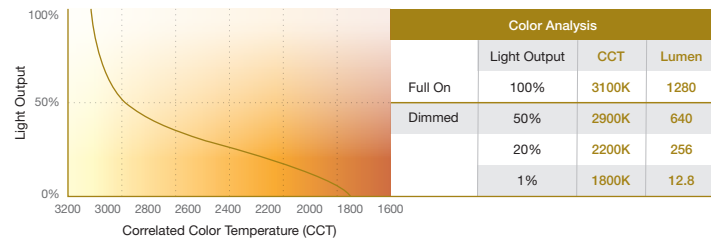
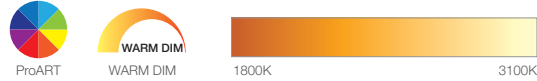
DRIVER



BEAM ANGLE

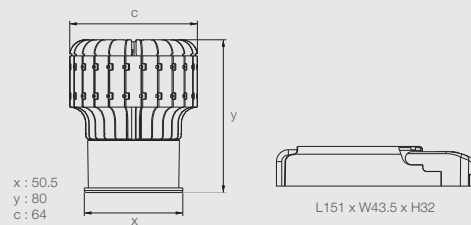


TEMPERATURE



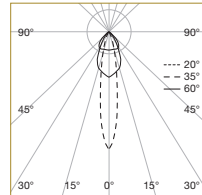
DIMENSIONS (MM)

*Displayed height measurements are for highest point of tilting.

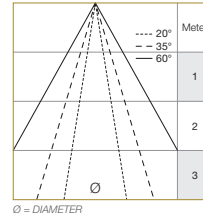


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POLAR DIAGRAM



CONE DIAGRAM



	Emax (lx)		
	20°	35°	60°
E (0°)	5144	3025	1048
Cone DØ (m)	0.34	0.58	1.15
E (0°)	1286	756.25	262
Cone DØ (m)	0.68	1.16	2.30
E (0°)	572	336	116
Cone DØ (m)	1.02	1.74	3.45

SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour	CCT	Beam Angle	PROART CRI 95		Driver Options
					Intensity (cd)	Luminous Flux	
13W	16.5W	WARM DIM	3100K ~ 1800K	60°	1150	1280	PH, AN, DA
				35°	3300		
				20°	5700		

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 PRO WARM DIM Series
Mains voltage	100-240, 50Hz
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 = 35C°), B10
Dimming	Phase (triac) dimmer, 0-10V, DALI
Mains connection	Loop-in-loop-out terminals for convenient connection
Materials	Aluminium, plastic
Fire safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability mark	F
IP code	IP40
Safety class	Class 2
Accessories	AR70, AR111
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	100g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR50P 13W	—	—	—	—
	20 20°	WD WARM DIM	PA ProART	PH Phase
	35 35°			AN 0-10V
	60 60°			DA DALI

example: ELR50P.35.WD.PA.PH