

50 CLASSIC

10W LED MODULE



- Feather weight construction, ~80 grams
- Class 2 LED module with integrated LED driver
- >100 lm/W module
- Colour rendering index, ProART Ra~95, Standard Ra~85
- 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

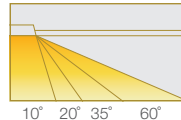


TEMPERATURE



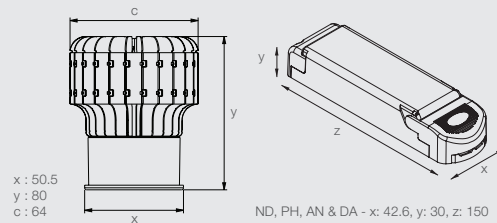
BEAM ANGLE

SINGLE CCT
50 CLASSIC



DIMENSIONS (MM)

*Displayed height measurements are for highest point of fitting.

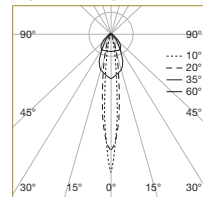


x : 50,5
y : 80
c : 64

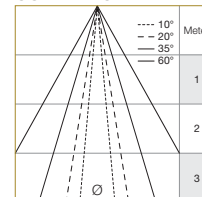
ND, PH, AN & DA - x: 42.6, y: 30, z: 150

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POLAR DIAGRAM



CONE DIAGRAM



Ø = DIAMETER

	E _{max} (lx)			
	10°	20°	35°	60°
E (0°)	8363	7688	3156	1093
Cone DØ (m)	0.19	0.26	0.58	1.15
E (0°)	2090.75	1922	789	273.25
Cone DØ (m)	0.38	0.52	1.16	2.30
E (0°)	929	854	351	121
Cone DØ (m)	0.57	0.78	1.74	3.45

SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour	Beam Angle	STANDARD CRI 85		PROART CRI 95		Driver Options
				Intensity (cd)	Luminous Flux	Intensity (cd)	Luminous Flux	
10W	12W	WARM : 2700K WARM : 3000K NATURAL : 4000K COOL : 5000K	60°	1090	1200	927	1020	ND, PH, DA, AN
			35°	3160	1200	2686	1020	
			20°	7690	1200	6537	1020	
			10°	8360	850	7106	723	

the table information is at nominal values accuracy of +/-7%
 nominal CRI -85, equal to Ra >80-87, R9 > 0
 nominal CRI -95, equal to Ra >90-97, R9 > 50

DETAILS SPECIFICATION	
Family Type	50 CLASSIC Series
Mains voltage	100 - 240, 50Hz
Colour options	Black
Installation Compatibility	Compatible with most MR16 type open fittings. Optional AR70 and AR111 mounting brackets available
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35C)
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 850C 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
ELR50C 10W	—	—	—	—
	10 10°	27 2700K	Standard	ND Non-Dim
	20 20°	30 3000K	PA ProART	PH Phase
	35 35°	40 4000K		AN 0-10V
	60 60°	50 5000K		DA DALI

example: ELR50C.12.40.DA