

## 50 CLASSIC / 50 PRO

10W / 12W / 13W  
LED MODULE



- Feather weight construction, 100 grams
- Class 2 LED module with external LED driver
- >100 lm/W module
- Colour rendering index, Ra~85, 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

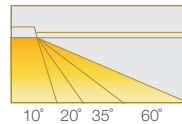


#### TEMPERATURE



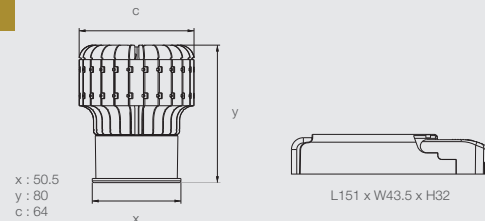
#### BEAM ANGLE

SINGLE CCT  
50 CLASSIC / 50 PRO



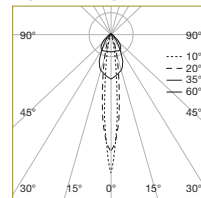
### DIMENSIONS (MM)

\*Displayed height measurements are for highest point of tilting.

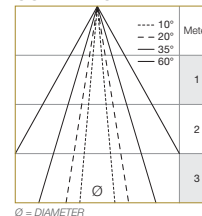


### 50 CLASSIC

#### POLAR DIAGRAM



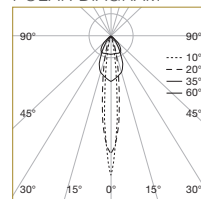
#### CONE DIAGRAM



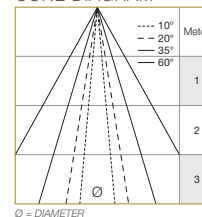
	Emax (lx)			
	10°	20°	35°	60°
E (0°)	8363	7688	3156	1093
Cone DØ (m)	0.19	0.26	0.58	1.15
E (0°)	2090.75	1922	789	273.25
Cone DØ (m)	0.38	0.52	1.16	2.30
E (0°)	929	854	351	121
Cone DØ (m)	0.57	0.78	1.74	3.45

### 50 PRO

#### POLAR DIAGRAM



#### CONE DIAGRAM



	Emax (lx)			
	10°	20°	35°	60°
E (0°)	10354	9519	3946	1367
Cone DØ (m)	0.19	0.26	0.58	1.15
E (0°)	2588.5	2379.75	986.5	341.75
Cone DØ (m)	0.38	0.52	1.16	2.30
E (0°)	1150	1058	438	152
Cone DØ (m)	0.57	0.78	1.74	3.45

### SYSTEM SPECIFICATIONS

Module	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	
50 CLASSIC	10W	12.8W	WARM : 2700K WARM : 3000K NATURAL : 3500K NATURAL : 4000K COOL : 5000K	60°	1050	1200	893	1020	ND, PH, DA, AN
				35°	3100	1200	2635	1020	
				20°	8650	1190	7353	1012	
				10°	9400	1190	7990	1012	
50 PRO	13W	16.5W		60°	1400	1600	1190	1360	
	12W	15.2W		35°	4150	1600	3528	1360	
				20°	9900	1360	8415	1156	
				10°	10800	1360	9180	1156	

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 / 50 PRO 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), 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 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
<b>ELR50C</b> 10W	—	—	—	—
<b>ELR50P</b> 13W/12W	<b>10</b> 10°	<b>27</b> 2700K	Standard	<b>ND</b> Non-Dim
	<b>20</b> 20°	<b>30</b> 3000K	<b>PA</b> ProART	<b>PH</b> Phase
	<b>35</b> 35°	<b>35</b> 3500K		<b>AN</b> 0-10V
	<b>60</b> 60°	<b>40</b> 4000K		<b>DA</b> DALI
		<b>50</b> 5000K		

example: ELR50C.10.40.DA