

100 CLASSIC / 100 PRO

16W / 25W LED ENGINE



- Feather weight construction, ~190 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%**
- 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

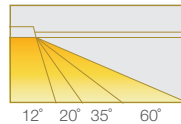


TEMPERATURE



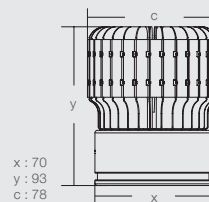
BEAM ANGLE

SINGLE CCT
100 CLASSIC / 100 PRO

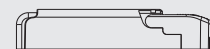


DIMENSIONS (MM)

*Displayed height measurements are for highest point of fitting.



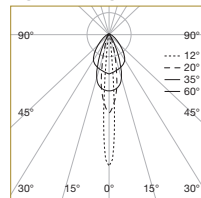
x : 70
y : 93
c : 78



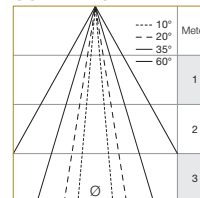
L171 x W43.5 x H32

100 CLASSIC

POLAR DIAGRAM



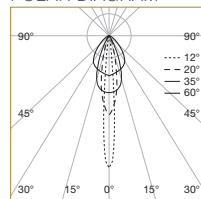
CONE DIAGRAM



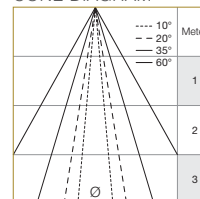
	Emax (lx)			
	12°	20°	35°	60°
E (0°)	18744.2	7117.56	4073.2	1082.56
Cone DØ (m)	0.22	0.40	0.72	1.73
E (0°)	4686.05	1779.39	1018.3	270.64
Cone DØ (m)	0.44	0.80	1.44	3.46
E (0°)	2083	791	453	120
Cone DØ (m)	0.66	1.20	2.16	5.19

100 PRO

POLAR DIAGRAM



CONE DIAGRAM



	Emax (lx)			
	12°	20°	35°	60°
E (0°)	27565	10467	5990	1592
Cone DØ (m)	0.22	0.40	0.72	1.73
E (0°)	6891.25	2616.75	1497.5	398
Cone DØ (m)	0.44	0.80	1.44	3.46
E (0°)	3083	1163	666	177
Cone DØ (m)	0.66	1.20	2.16	5.19

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	
100 CLASSIC	16W	19W	WARM : 2700K WARM : 3000K NATURAL : 3500K NATURAL : 4000K COOL : 5000K	60°	1000	2000	850	1700	ND, PH, DA, AN
				35°	4000	2000	3400	1700	
				20°	7150	2000	6078	1700	
				12°	18000	1650	15300	1403	
100 PRO	25W	28W		60°	1700	3000	1445	2550	
				35°	6000	3000	5100	2550	
				20°	10000	3000	8500	2550	
				12°	27000	2500	22950	2125	

Data are based on 3000K. Nominal data of 2700K and 3500K are shared with 3000K.
Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published.

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 > 0

DETAILS SPECIFICATION

Family Type	100 CLASSIC / 100 PRO Series
Mains voltage	100 - 240, 50Hz
Colour options	White with gold anodized heatsink
Installation Compatibility	Optional with AR111 mounting brackets
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	AR111
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	~190g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR100C 16W	—	—	—	—
ELR100P 25W	12 12°	27 2700K	Standard	ND Non-Dim
	20 20°	30 3000K	PA ProART	PH Phase
	35 35°	35 3500K		AN 0-10V
	60 60°	40 4000K		DA DALI
		50 5000K		

example: ELR100C.12.40.DA