

100 PRO LED ENGINE

25W LED MODULE



- Feather weight construction, ~150 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

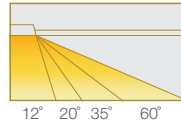


TEMPERATURE



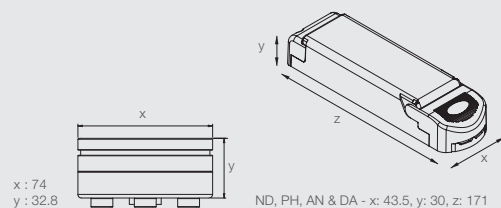
BEAM ANGLE

SINGLE CCT
100 PRO



DIMENSIONS (MM)

*Displayed height measurements are for highest point of fitting.

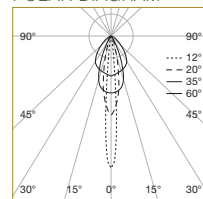


x : 74
y : 32.8

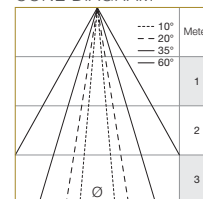
ND, PH, AN & DA - x: 43.5, y: 30, z: 171

100 PLE

POLAR DIAGRAM



CONE DIAGRAM



Ø = DIAMETER

	E _{max} (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°)	3063	1163	666	177
Cone DØ (m)	0.66	1.20	2.16	5.19

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	
25W	28W	WARM : 2700K WARM : 3000K NATURAL : 4000K COOL : 5000K	60°	1700	3000	1445	2550	ND, PH, DA, AN
			35°	6000	3000	5100	2550	
			20°	10000	3000	8500	2550	
			12°	27000	2500	22950	2125	

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	100 PRO LED ENGINE Series
Mains voltage	100 - 240, 50Hz
Colour options	Gold anodized
Installation Compatibility	Optional with AR111 mounting brackets
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	AR111
Standards	IEC 62031 IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	150g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR100PLE 25W	—	—	—	—
	12 12°	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: ELR100PLE.12.40.DA