

20 PRO / 20 CLASSIC

4.5W / 6.2W LED MODULE



- Feather weight construction ~44 grams
- Class 2 LED module with external LED driver
- >90 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%**
- IP54



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

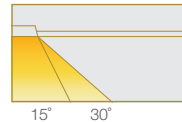


TEMPERATURE



BEAM ANGLE

SINGLE CCT
20 CLASSIC / 20 PRO

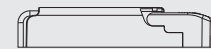


DIMENSIONS (MM)

*Displayed height measurements are for highest point of fitting.



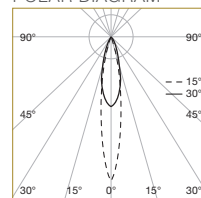
Ø 35



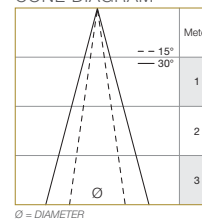
L145 x W31 x H26

20 CLASSIC

POLAR DIAGRAM



CONE DIAGRAM

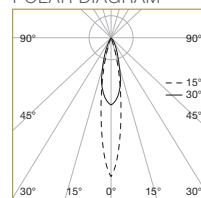


Ø = DIAMETER

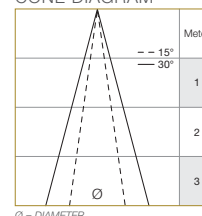
	Emax (lx)	
	15°	30°
E (0°)	3505	2079
Cone DØ (m)	0.3	0.51
E (0°)	876	520
Cone DØ (m)	0.59	1.03
E (0°)	390	231
Cone DØ (m)	0.89	1.54

20 PRO

POLAR DIAGRAM



CONE DIAGRAM



Ø = DIAMETER

	Emax (lx)	
	15°	30°
E (0°)	4830	2859
Cone DØ (m)	0.3	0.51
E (0°)	1207	715
Cone DØ (m)	0.59	1.03
E (0°)	537	318
Cone DØ (m)	0.89	1.54

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	
20 CLASSIC	4.5W	6W	WARM : 2700K	30°	2000	560	1560	437	ND, PH, AN, DA
			WARM : 3000K	15°	3500	450	2730	351	
			NATURAL : 3500K						
20 PRO	6.2W	8W	NATURAL : 4000K	30°	2800	770	2184	601	
			COOL : 5000K	15°	4800	620	3744	484	

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 > 50

DETAILS SPECIFICATION

Family Type	20 CLASSIC / 20 PRO Series
Mains voltage	220-240, 50Hz
Colour options	Black
Installation Compatibility	Compatible with MR11
Lifetime	50,000 HOURS (80% lumen maintenance at Ta = 25°C), 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	IP54
Safety class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	44g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
ELR20C 4.5W	—	—	—	—
ELR20P 6.2W	15 15°	27 2700K	Standard	ND Non-Dim
	30 30°	30 3000K	PA ProART	PH Phase
		35 3500K		AN 0-10V
		40 4000K		DA DALI
		50 5000K		

example: ELR20C.15.27.DA