

## 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



\*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

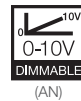
##### DRIVER



(ND)



(PH)



(AN)



(DA)

##### TEMPERATURE



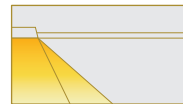
2700K 3000K 3500K 4000K 5000K



ProART

##### BEAM ANGLE

SINGLE CCT  
20 CLASSIC / 20 PRO



15° 30°

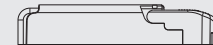
#### DIMENSIONS (MM)

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



Ø 35

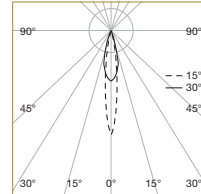
50



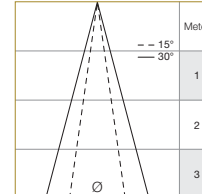
L145 x W31 x H26

#### 20 CLASSIC

##### POLAR DIAGRAM



##### CONE DIAGRAM

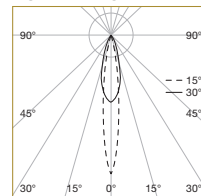


Ø = DIAMETER

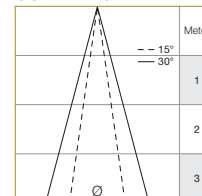
	Emax (lx)	
	15°	30°
E (0°)	3194	1522
Cone DØ (m)	0.30	0.51
E (0°)	798	381
Cone DØ (m)	0.59	1.03
E (0°)	355	169
Cone DØ (m)	0.89	1.54

#### 20 PRO

##### POLAR DIAGRAM



##### CONE DIAGRAM



Ø = DIAMETER

	Emax (lx)	
	15°	30°
E (0°)	4402	2098
Cone DØ (m)	0.30	0.51
E (0°)	1100	524
Cone DØ (m)	0.59	1.03
E (0°)	489	233
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°	1520	410	1186	320	ND, PH, AN, DA
			WARM : 3000K	15°	3190	410	2488	320	
			NATURAL : 3500K						
20 PRO	6.2W	8W	NATURAL : 4000K	30°	2100	565	1638	441	
			COOL : 5000K	15°	4400	565	3432	441	

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 (Module Only)	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
<b>ELR20C</b> 4.5W	—	—	—	—
<b>ELR20P</b> 6.2W	<b>15</b> 15°	<b>27</b> 2700K	Standard	<b>ND</b> Non-Dim
	<b>30</b> 30°	<b>30</b> 3000K	<b>PA</b> ProART	<b>PH</b> Phase
		<b>35</b> 3500K		<b>AN</b> 0-10V
		<b>40</b> 4000K		<b>DA</b> DALI
		<b>50</b> 5000K		

example: ELR20C.15.27.DA