

## 20 NEST 4.5W LED MODULE



- Feather weight construction, ~62 grams
- Class 2 LED module with constant current 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

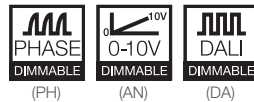
- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

### 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

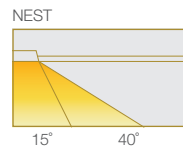
#### DRIVER



#### TEMPERATURE



#### BEAM ANGLE



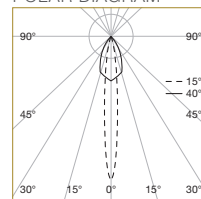
### DIMENSIONS (MM)

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

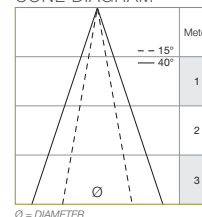


### 20 NEST 4.5W

#### POLAR DIAGRAM



#### CONE DIAGRAM



	Emax (lx)	
	15°	40°
E (0°)	4274	1263
Cone DØ (m)	0.21	0.58
E (0°)	1069	316
Cone DØ (m)	0.42	1.15
E (0°)	475	140
Cone DØ (m)	0.63	1.73

### SYSTEM SPECIFICATIONS

LED Power	Colour	Beam Angle	STANDARD CRI 85		PROART CRI 95		Driver Options
			Intensity (cd)	Luminous Flux	Intensity (cd)	Luminous Flux	
4.5W	WARM : 2700K WARM : 3000K NATURAL : 4000K COOL : 5000K	40°	1260	410	1071	349	ND, PH, AN, DA
		15°	4270		3630		

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 NEST Series
Mains voltage	220-240, 50Hz
Colour options	Black
Installation Compatibility	Compatible with MR11
Lifetime	50,000 HOURS (80% lumen maintenance at Ta = 25C)
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
Accessories	
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	62g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
<b>ELR20N</b> 4.5W	—	—	—	—
	<b>15</b> 15°	<b>27</b> 2700K	Standard	<b>PH</b> Phase
	<b>40</b> 40°	<b>30</b> 3000K	<b>PA</b> ProART	<b>AN</b> 0-10V
		<b>40</b> 4000K		<b>DA</b> DALI
		<b>50</b> 5000K		

example: ELR20N.2.40.30.PH