

# 50 NEST ND+ PROFESSIONAL NON-DIM

8.7W HIGH EFFICACY  
INTEGRATED LED MODULE  
FOR PREMIUM RETAILS



- Feather weight construction, ~120 grams
- Class 2 LED module with integrated LED driver
- >90% efficiency LED driver
- ~95 lm/W system efficacy at ProART
- Colour rendering index, ProART Ra>90, R9>50
- 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 1%\*\*
- X-BEAM converging optical lens maximises luminaire light output ratio
- IP54
- Power factor > 0.9



The information above is at nominal values accuracy of +/-7%.

\*ATEPS™ Automated Thermal Protection System is the trademark of ELR.

\*\*Optical flicker percentage is measured at maximum output.

### 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)

Professional Non-Dim

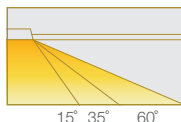
#### TEMPERATURE



ProART

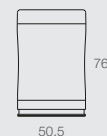
#### BEAM ANGLE

SINGLE CCT  
50 NEST ND+



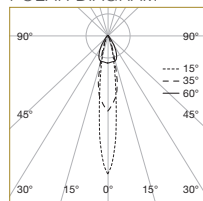
### DIMENSIONS (MM)

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

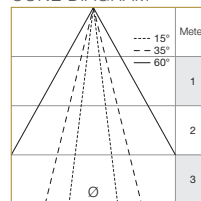


### 50 NEST ND+

#### POLAR DIAGRAM



#### CONE DIAGRAM



Ø = DIAMETER

	E <sub>max</sub> (lx)		
	15°	35°	60°
E (0°)	6590	3573	848
Cone DØ (m)	0.26	0.47	1.12
E (0°)	1647	893	212
Cone DØ (m)	0.51	0.94	2.24
E (0°)	732	397	94
Cone DØ (m)	0.77	1.41	3.35

### SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour	Beam Angle	PROART CRI 95		Driver Options
				Intensity (cd)	Luminous Flux	
8.7W	9.5W	WARM : 2700K	60°	800	900	Professional Non-Dim
		NATURAL : 3000K	35°	3500		
		NATURAL : 3500K	15°	8000		

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 -95, equal to Ra >90-97, R9 > 50

### DETAILS SPECIFICATION

Family Type	50 NEST ND+ Professional Non-Dim
Mains voltage	220-240, 50Hz
Power factor	>0.9
Colour options	Black
Installation Compatibility	Compatible with most MR16 fittings. Optional AR70 and AR111 mounting brackets available.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25C°), B10
Dimming	Professional Non-Dimmable
Mains connection	100mm 2x0.75mm <sup>2</sup> double insulated wires
Materials	Aluminium, plastic
Fire safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability mark	F
IP code	IP54
Safety class	Class 2
Accessories	AR70, AR111
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM, CCC
Weight	120g

LED MODULE				DRIVER
LED Power	Beam Angle	Colour Temp	CRI	Dimming
<b>ELR50N</b> 8.7W	—	—	—	—
<b>15</b> 15°	<b>27</b> 2700K	<b>PA</b> ProART	<b>ND+</b> PRO Non-Dim	
<b>35</b> 35°	<b>30</b> 3000K			
<b>60</b> 60°	<b>35</b> 3500K			

example: ELR50N.15.30.PA.ND+