



BATH + LIGHT

## NERO SURFACE ROUND 6W

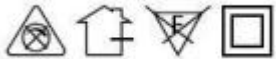
LED NERO SURFACE

Indoor Luminaire

Product Code:

LNRO02R006SC / LNRO02R006SN / LNRO02R006SW

6W - 390lm - 6500K - CRI>80 Ra - Beam Angle - 120°



### Technical Specifications

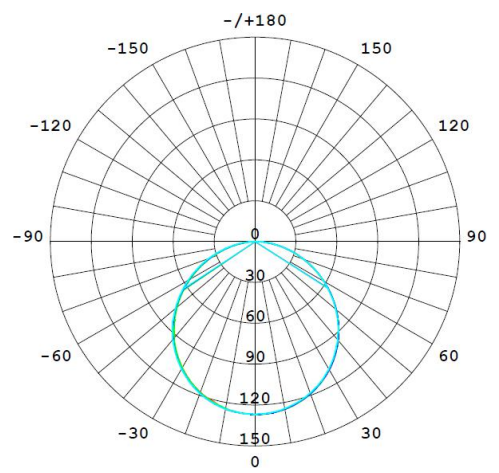
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220-240 VAC, 50Hz
Rated Input Wattage	6W $\pm$ 10%
Rated Input Current	0.028 Amp (Nominal)
Power Factor	$\geq 0.90$
ATHD	<15%
Rated Luminous Flux	390 lm / 360 lm / 330 lm (tolerance as per BIS)
Rated Luminaire Efficacy	65 lm/W / 60 lm/W / 55 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80 Ra
Beam Angle	120° (within the permissible limits)
Driver Efficiency	$\geq 80\%$
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminium with Powder Coating
Lens / Reflector	Diffuser PMMA/PC
Mounting	Surface

### Protections

Over Voltage Protection	Withstand upto 440V/AC for 4 Hrs.
Surge Protection	$\pm 4.0$ KV
Protection Class	Class II
Ingress Protection (IP Rating)	IP20
Impact Protection (IK Rating)	IK02
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

Light Distribution



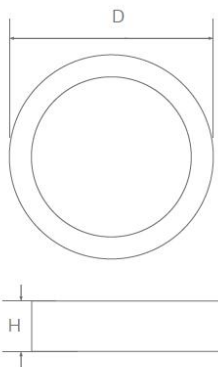
UGR Table

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	23.6	25.1	23.9	25.3	25.5	23.6	25.1	23.9	25.3	25.5
3H	25.1	26.5	25.4	26.8	27.0	25.1	26.6	25.4	26.8	27.0
4H	25.7	27.1	26.1	27.3	27.6	25.8	27.1	26.1	27.4	27.6
6H	26.2	27.5	26.5	27.7	28.0	26.2	27.5	26.6	27.8	28.1
8H	26.3	27.6	26.7	27.9	28.1	26.4	27.6	26.8	27.9	28.2
12H	26.4	27.6	26.8	27.9	28.2	26.5	27.7	26.9	28.0	28.3
4H 2H	24.2	25.5	24.5	25.8	26.0	24.2	25.5	24.5	25.8	26.1
3H	25.9	27.1	26.3	27.4	27.7	25.9	27.1	26.3	27.4	27.7
4H	26.6	27.7	27.0	28.1	28.4	26.7	27.8	27.1	28.1	28.4
6H	27.2	28.2	27.6	28.5	28.9	27.3	28.3	27.7	28.6	29.0
8H	27.4	28.3	27.8	28.7	29.1	27.5	28.4	27.9	28.8	29.2
12H	27.6	28.4	28.0	28.8	29.2	27.7	28.5	28.1	28.9	29.3
8H 4H	26.9	27.8	27.3	28.2	28.6	27.0	27.9	27.4	28.2	28.6
6H	27.7	28.4	28.1	28.8	29.2	27.7	28.5	28.2	28.9	29.3
8H	27.9	28.6	28.4	29.0	29.5	28.0	28.7	28.5	29.1	29.6
12H	28.2	28.7	28.6	29.2	29.7	28.3	28.8	28.7	29.3	29.8
12H 4H	26.9	27.8	27.4	28.1	28.6	27.0	27.8	27.4	28.2	28.6
6H	27.7	28.4	28.2	28.8	29.3	27.8	28.4	28.2	28.9	29.3
8H	28.0	28.6	28.5	29.1	29.5	28.1	28.7	28.6	29.1	29.6
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

With our continuous efforts to upgrade the technology/product, all product specifications and data are subject to change without prior notice. We always try to maintain the accuracy of our product images, but due to different viewing conditions, the colors may vary. Images are only for indicative purpose.

## Product Dimensions (D x H)

Ø125 X 35 mm (Tol.±5 mm)



## Applications

Applications Residences, Offices,  
Small Retail Shops, Hotels, Coffee Shops,  
Restaurants, Hospitals, area lighting and  
for other indoor applications.