

Nero R



The Nero R is part of the Nero family. It tackles glare by using a light source set back from the bezel whilst maximising light output with a specular aluminium reflector.

This luminaire is construction from two die-cast parts – the heastsink and bezel. These components are held together at the point of articulation for ease of maintenance.

Product

Nero R	NER/R
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Lumen Output

1554lm	/1554
2221lm	/2221

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K

Beam Angle

36° Beam	/36
60° Beam	/60

Standard Colours*

White	RAL9016
White	RAL9010
Black	RAL9005
*Other colours available upon special request	

Mounting

Recessed

Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Mains dimming	-MD
Casambi	-CA

Emergency

No emergency facility as default	
3 hour internal pack	-E1
3 hour internal pack with self-test function	-E2
3 hour integral pack with DALI reporting function	-E3

Lighting Data

Lumen Output	Wattage	lm/cW
1554lm (4000K)	14.1W	110.2
2221lm (4000K)	20.1W	110.5

CCT	3000K 4000K 6500K
Light Source	LED CREE
SDCM	3
Longevity (L70/B10)	60,000 Hours
Colour Rendering	RA>82
UGR	<19.0

Technical Data

IP Rating	IP54
Construction	Diecast Aluminium
RAL colour (standard)	9016 9010 9005
Mounting Method	Recessed
Protective class	1
Impact Resistance (IK)	IK07
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

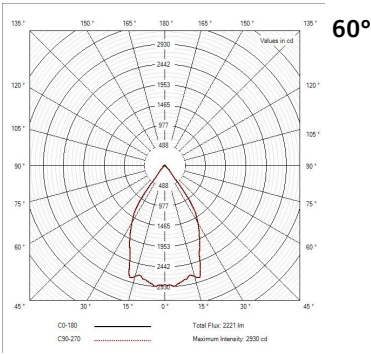
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	89%
Parasitic Load	2.1W
Operating Temperature	-25 +60 °C

Emergency Data

BLF	Lumen Output
20%	309lm
14%	309lm

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	CE, ROHS

Standard Photometry



Dimensions

Cutout	Ø110mm
Dimensions	Ø126 x 133mm
Weight	2.8 kg



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