

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
--------	-------

Lumen Output

2109lm	/2109
--------	-------

Colour Temperature

3000K	/3K
-------	-----

Beam Angle

60° Beam	/60
----------	-----

Standard Colours*

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

Mounting

Recessed

Dimming

DALI dimming	-DA
--------------	-----

Emergency

3 hour internal pack	-E1
----------------------	-----

Lighting Data

Lumen Output	Wattage	lm/cW
2109lm (4000K)	20.1W	114.7

CCT	3000K
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
Mounting Method	Recessed
Protective class	SELV
Impact Resistance (IK)	IK07
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

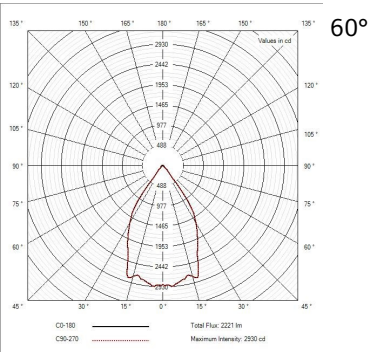
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	89%
Parasitic Load	2.1W
Operating Temperature	-25 +60 °C

Emergency Data

EOF	Lumen Output
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

