



INTRODUCTION SAVE ENERGY WITH NIVISS

The Refled was designed using modern simulation methods in order to obtain the highest product quality. The Refled fixtures are made of top-quality materials such as 316 L steel, aluminium, high-purity glass for optical applications, and modern CREE® LEDs.

- Based on CREE® LEDs
- 230V AC IP67
- Front made of 316L
- 5-year warranty
- CRI ≥ 80, ≥ 90 on request

APPLICATIONS The Refled fixture can be used for lighting many places and objects such as:

- parks
- gardens
- terraces
- squares
- premises
- plants

SPECIFICATION

	LIGHT COLOUR	WARM WHITE	NEUTRAL WHITE
Colour Temperature*		3000 ± 150 K	4000 ± 250 K
Effective Lumen Output**		1350 lm	1350 lm
Risk group*		RG2	RG2
CRI		≥ 90	
Viewing Angle [FWHM]		55°, 25°	
Input Voltage		230V AC 50Hz	
Power Consumption		20W	
Operating Temperature		-20°C + +55°C	
Dimensions		Ø147mm	
Cable Type		H07RN-F 3G1	
Cable Length		0.5m	
IP Rating		IP67	
Load		1000 kg	
Appilance Class		Class I	
Lifetime***		≥ 60 000 h	

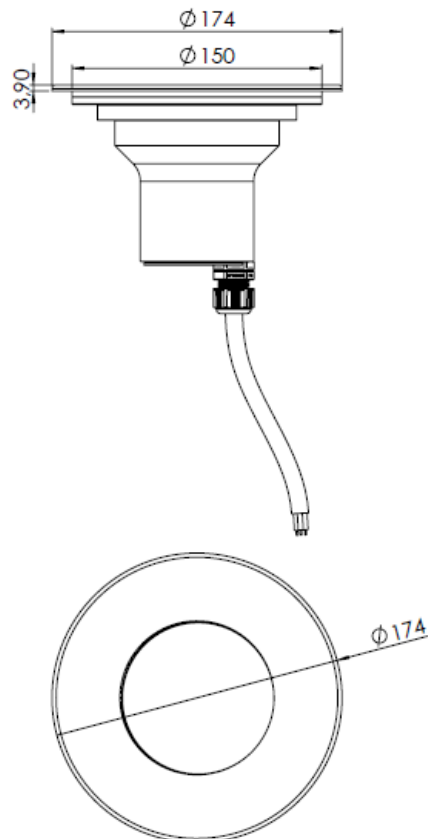
* Other CCTs and colours available on request.

** Source performance in real-life conditions at Ta=25°C; includes optical losses; the tolerance of source lumen output is 10%.

*** Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 90% of initial light output) and other electronic components

**** According to EN 62471:2008

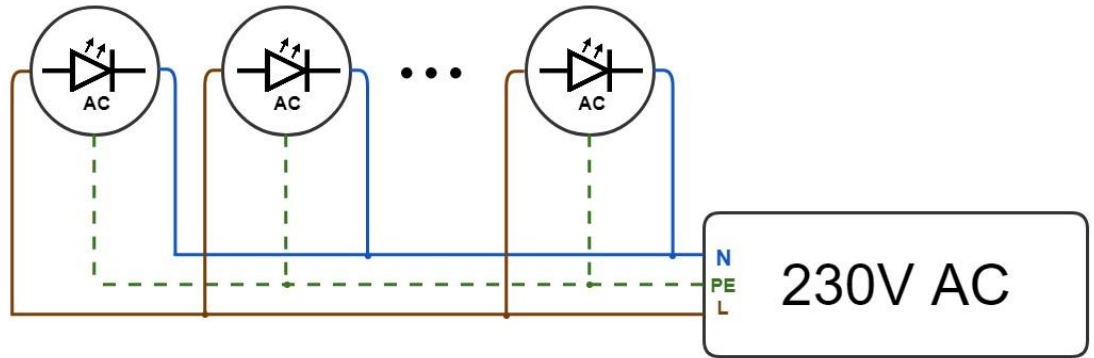
DIMENSIONS [mm]



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 NIVISS reserves the right to make technical changes without prior notice.

CREE 
 LED Solution Provider

ELECTRICAL INSTALLATION

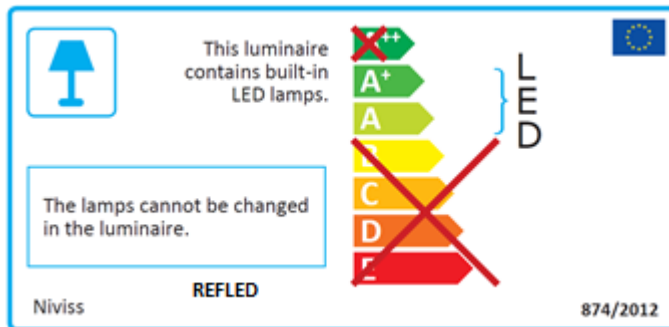


Connecting to the power supply should be done when the power supply is off.

ORDER CODE FORMAT

	HV - 20 W POWER	25 degrees 55 degrees FWHM ANGLE	SA - Steel front and aluminum body SS - Steel front and body MATERIAL OF THE FRONT / BODY
REFLED	- 20	- NW	- 25
FAMILY	CCT WW - 3000K NW - 4000K	FRONT PLATE RD - Round	SUPPLY VOLTAGE HV - 230V AC, 50Hz
		RD	- SA
			- HV

ENERGY LABEL



ENVIRONMENTAL CAUTION



Caution!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices