Niviss Ground Micro RGBW

RGB(W) Solutions

INTRODUCTION

SAVE ENERGY WITH NIVISS

The Ground series was designed using modern simulation methods in order to obtain the highest product quality.

- Based on CREE® LEDs
- 150 mA per channel
- Made of 316L steel
- Power: 0.5 W per channel
- IP68
- 5-year warranty
- Round or square front
- RGBW

APPLICATIONS

The Niviss Ground Micro LED fixture can be used for lighting many places and objects such as:

- parks
- gardens
- squares
- premises
- plants
- exterior walls

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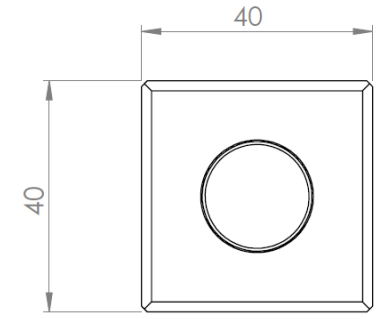
SPECIFICATION

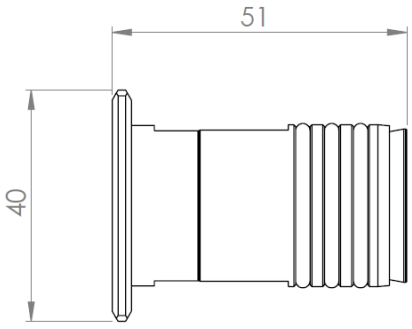
LIGHT COLOUR	RED	GREEN	BLUE	COOL WHITE	NEUTRAL WHITE	WARM WHITE
Colour Temperature / Dominant Wavelength Range	619-624 nm	520-535 nm	460-475 nm	5500-6500K	3700-4500K	3000-3700K
Effective Lumen Output**	14 lm	30 lm	8 lm	30 lm	30 lm	30 lm
Constant Current	150 mA					
Viewing Angle [FWHM]	38°, 56°					
Power Consumption	0,5 W per channel					
Operating Temperature.	-20°C ÷ +55°C					
Dimensions	Ø40mm					
Cable Type	8X0.5mm^2					
Cable Length	0.5m					
IP Rating	IP68					
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 5%.
*** Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 90% of initial light output) and other electronic components

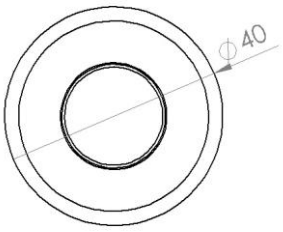
DIMENSIONS [mm]

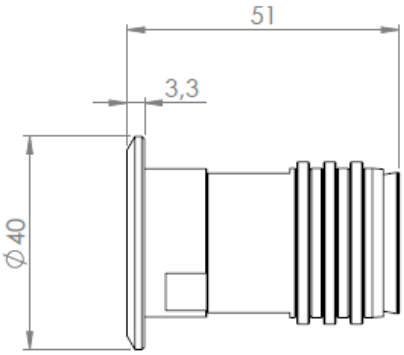
SQUARE FRONT





ROUND FRONT





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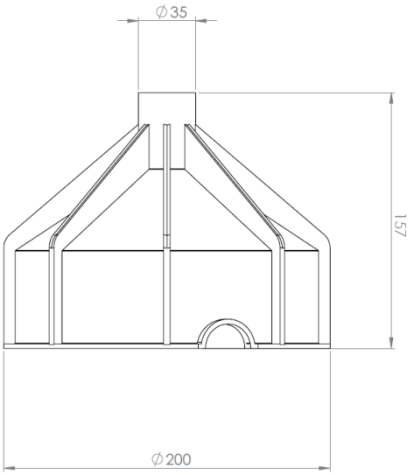
NIVISS reserves the right to make technical changes without prior notice.

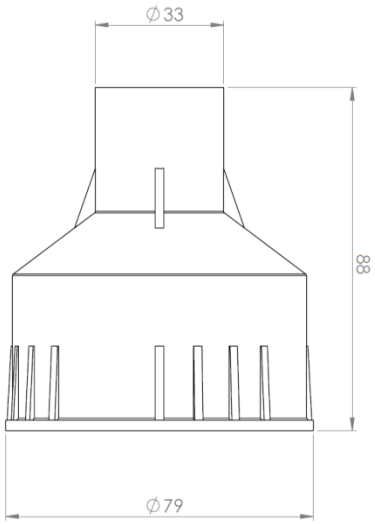
CREE LED Solution Provider

ACCESORIES

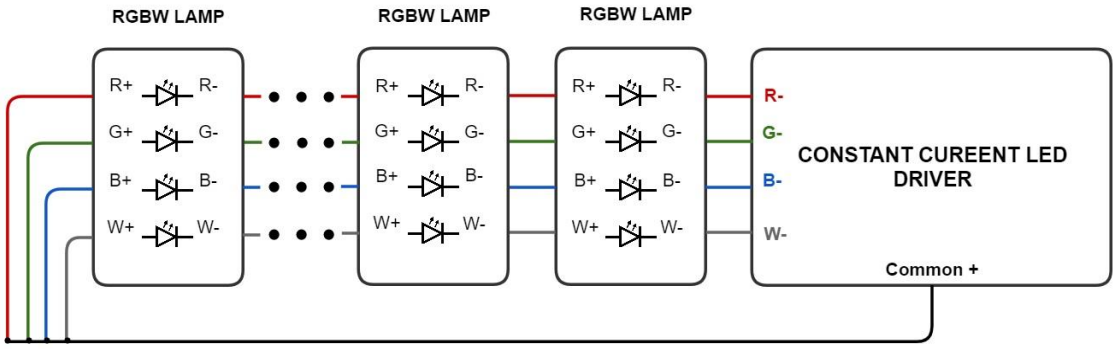
GROUND-MICRO-RGBW-ABS-1



GROUND-MICRO-RGBW-ABS-2



ELECTRICAL INSTALLATION



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

ORDER CODE FORMAT

		POWER		38 - 38 degrees 56 - 56 degrees FWHM ANGLE		SS - Steel front and body MATERIAL OF THE FRONT / BODY	
GROUND MICRO	-	2	- RGBW	- 38	- S Q	- S S	- C C
FAMILY			CCT RGBW - RGB + warm white RGBN - RGB + neutral white RGBC - RGB + cool white		FRONT PLATE SQ - Square RD - Round		TYPE OF POWER SUPPLY CC – Constant Current (typical 150mA per channel)

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GENERAL TERMS OF USE

1. Max current for each channel is 180mA.

2. The range of acceptable input voltages must include the expected voltage dropout across the LED string eg.:
   a. For CLQ6A-TKW Red typical voltage dropout is 2.4V
   b. For CLQ6A-TKW Green and Blue typical voltage dropout is 3.4V
   c. For CLQ6A-TKW White typical voltage dropout is 3.3V

   Imax and VF (Maximal drive current, Forward voltage) should be checked in the current data sheets available on website:
   http://www.cree.com/led-components/media/documents/ds-CLQ6A-TKW.pdf

Niviss is not responsible for any damage or failure due to not comply with above rules. Otherwise, the complaint will not be taken into account.

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.