



**NIVISS**

CUSTOMISED
LED SOLUTIONS

I COMPANY 00.1

NIVISS COMPANY

Niviss is a modern, fast-growing company with extensive experience in the electronics industry. Since its inception, Niviss has specialised in the design and manufacture of products based on LEDs manufactured by CREE. Our main focus is the highest quality of all offered solutions.

The company headquarters is located in Gdynia. Both the advanced technical base and modern organisational structure has enabled to obtain ISO Quality Certificate. Our well-stocked warehouse ensures fast delivery of products ordered by customers mainly from the lighting sector.





All Niviss LED products are **energy efficient and environmentally friendly**

Niviss comprehensively pursues the production process and simultaneously offers technical advice (selection of the LEDs, optics and driver), the design of LED-based products and their adjustment to the requirements of the customer and his application. The company manufactures LED products ranging from large series orders to small series of unusual ones.



Niviss offers a wide number of **high quality LED-based products**

All of them have a long warranty period and are manufactured in Poland. Niviss owns a laboratory, which is indispensable before, during and after the production process.

As an exhibitor Niviss is present at many trade shows such as Light + Building in Frankfurt or Light in Warsaw.



In April 2021, we built a new factory along with an extensive warehouse.

With state-of-the-art equipment and meeting the highest standards, the SMD line is capable of producing 200% faster than the previous one. Therefore, we are able to meet even the largest orders at a convenient lead time for the customer.

This new investment will allow us to grow even faster and to perform tasks that we could not cope with before.



We do it for our customers, **we do it to keep improving and growing.**

NIVISS STRATEGY

- NIVISS specialises in the design and manufacture of products based on LEDs, focusing on solutions of very high quality.
- NIVISS implements the production process comprehensively. We provide technical consulting (choice of LEDs, optics, power supply and PCB), design of LED modules, drivers, housings and we adapt them to the requirements of a particular application.
- The company is able to provide both mass production, as well as smaller series of custom solutions implemented for a particular customer. All NIVISS products are energy efficient and environmentally friendly.
- NIVISS constantly improves and increases the qualifications of its employees by investing in its own laboratory, necessary for the production and testing of new LED solutions.



I
The company's mission is to provide customers with high quality products of the XXI century.

OUR PARTNERS

We know CREE products and we know how to use them.



Other brands that we can combine with the CREE offer in other countries:



SAVE ENERGY

PRODUCTS

NIVISS PRODUCTS

01.

NIVISS REFLED TECHNOLOGY

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WITH NIVISS

07.

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90

92

94

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10.

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100

102

104

106

108

110

I PRODUCTS **NEW**

NEW FROM NIVISS

UNIQUE SOLUTIONS

NIVISS nSCOPE



NIVISS nWALL

LATEST PRODUCTS

LUXURY PRODUCTS

NIVISS BRASS SERIES





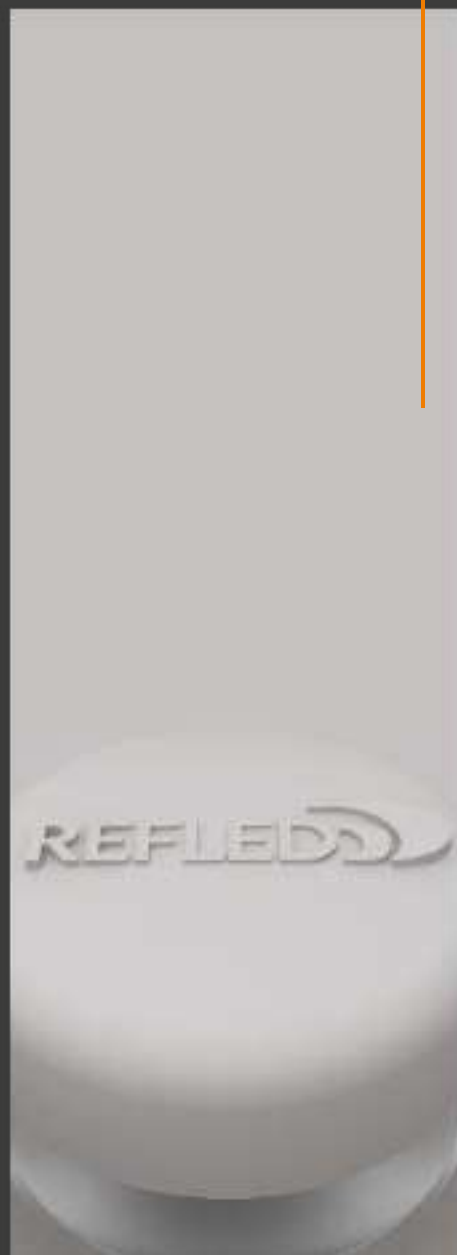
NIVISS nDISC MEDIUM 5T

**FLOOR
LUMINAIRES
WITH A LOAD
CAPACITY
OF UP TO
5 TONNES**

INNOVATIONS

NIVISS REFLED





01.0

| PRODUCTS

NIVISS REFLED TECHNOLOGY

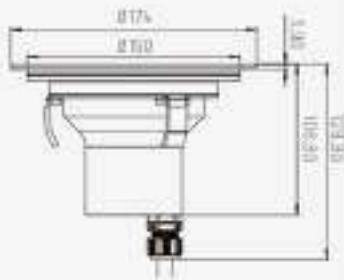
NIVISS REFLED technology is a new way of thinking in ground luminaire industry. New optics design combines modern luminaire design and eye safety properties. REFLED is safe for human eye. Luminaire equipped with REFLED active anti-glare patent pending system reduce up to 100 times Luminance compare to standard ground luminaires. Using plug and play REFLED magnet heating connection patent pending system front of the luminaire may be 20% cooler compare to standard ground luminaires.

High Color Rendering Index is important in modern architecture to enhance visual impression.

I REFLED 01.1



NIVISS REFLED

- based on CREE® LEDs
- 230V AC
- power: 20W
- IP67
- eye protective system
- made of 316L steel
- 5-year warranty



CREE 
 ▶ LED Solution Provider



	WARM white	NATURAL white
Light colour		
Colour Temperature*	3000 ± 150 K	4000 ± 250 K
Effective Lumen Output**	1550 lm	1550 lm
In cone 90°	1190 lm	1190 lm
CRI	≥ 90	
Viewing Angle [FWHM]	25°, 55°	
Input Voltage	230V AC 50Hz	
Power Consumption	20W	
Operating Temperature	-20°C ÷ +55°C	
Dimensions	Ø174 mm x 128,8 mm	
IP Rating	IP 67 / IP69K	
Dimming	NO / Eye protective system	
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

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

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

NIVISS
REFLED



**ORDER CODE
FORMAT**

POWER

25 - 25 degrees
55 - 55 degrees

FWHM ANGLE

SA - steel front and
aluminum body

MATERIAL OF
THE FRONT / BODY

EPSYS - eye protective system
EYE PROTECTIVE SYSTEM

I R E F L E D - 2 0 - N W - 2 5 - R D - S A - H V - E P S Y S

FAMILY

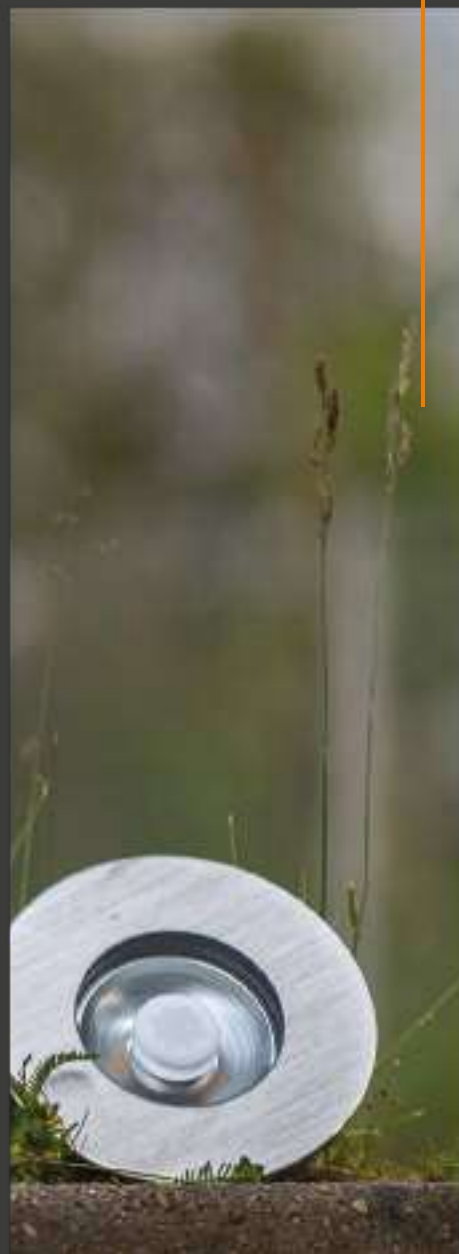
CCT
WW - 3000K
NW - 4000K

FRONT PLATE
RD - round

SUPPLY VOLTAGE
HV - 230V AC, 50HZ
LV - 12/24 VDC

ACCESSORIES





02.0

| PRODUCTS

NIVISS GROUND SERIES

The Ground series was designed using modern simulation methods in order to obtain the highest product quality. Ground series fixtures are made of top-quality materials such as marine grade steel, high-purity glass for optical applications, and modern CREE LEDs. When planning an investment, it is a good idea to choose reliable fixtures which have a long lifetime regardless of the weather conditions. This can be achieved with Niviss fixtures.

I GROUND 02.1

NIVISS GROUND NANO LED

- based on CREE® LEDs
- max 700 mA
- power: max 2W
- IP68 with sealing set
- round or square front
- made of 316L steel, also available with an aluminium body
- 5-year warranty



	COMFORT white	WARM white	NATURAL white	COOL white
Light colour	●	●	●	●
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	215 lm	215 lm	230 lm	245 lm
CRI	≥ 80			
Viewing Angle [FWHM]	15°, 30°, 60°			
Constant Current	max 700 mA			
Power Consumption	max 2 W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø25mm			
IP Rating	IP67 front, IP 64 back, IP68 with sealing set			
Dimming***	YES			
Lifetime****	≥ 60 000 h			

* Other CRI, 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%.

*** Depends on power supply

**** Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 80% of initial light output) and other electronic components.

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

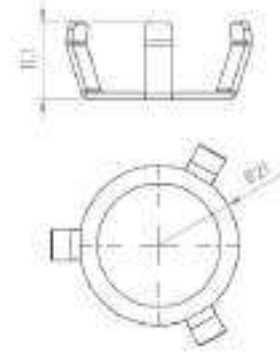
- saunas and SPA
- bathrooms
- kitchens
- gardens
- terraces
- stair lights

NIVISS GROUND
NANO
LED



ACCESSORIES

Nano-Spring-1



Nano-Kit IP68



15 - 15 degrees
30 - 30 degrees
60 - 60 degrees

SS - steel front and body
AA - aluminium front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D N A N O - 2 - V W - 1 5 - S Q - S S - C C

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

SQ - square
RD - round

CC - constant current (max 700 mA)

I GROUND 02.2

NIVISS GROUND MICRO LED



- based on CREE® LEDs
- 12-24V DC
- power: 2.5W
(on request: 1.5W)
- IP68
- round or square front
- made of 316L steel
- 5-year warranty



CREE 
LED Solution Provider

Light colour	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	140 lm	170 lm	180 lm	195 lm	205 lm
CRI	≥ 80				
Viewing Angle [FWHM]	17°, 31°, 39°				
Input Voltage	12V/24V DC				
Power Consumption	2.5W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø40mm				
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 10%.

*** Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 80% of initial light output) and other electronic components.

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

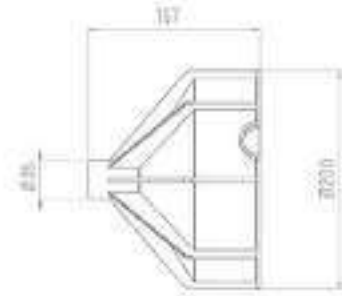
- saunas and SPA
- garden ponds
- gardens
- stair lights
- terraces
- squares

NIVISS GROUND
MICRO
LED

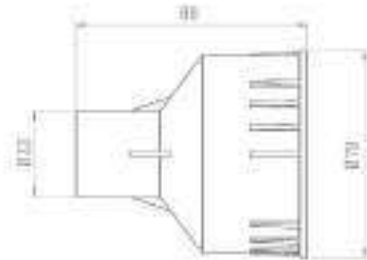


ACCESSORIES

Ground-Micro-ABS-1



Ground-Micro-ABS-2



17 - 17 degrees
31 - 31 degrees
39 - 39 degrees

SS - steel front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D M I C R O - 2 - V W - 1 7 - S Q - S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K
VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

SQ - square
RD - round

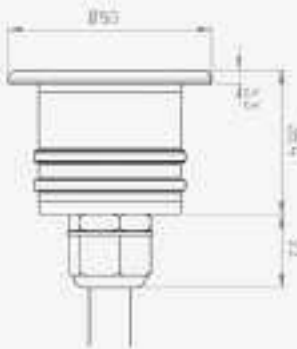
LV - 12V/24V DC

I GROUND 02.3

NIVISS GROUND MINI LED



- based on CREE® LEDs
- 12-24V DC
- power: 3.5W
(on request: 2W)
- IP68
- round or square front
- made of 316L steel
- 5-year warranty



CREE 
LED Solution Provider

Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	195 lm	215 lm	215 lm	230 lm
CRI	≥ 80	≥ 80	≥ 80	≥ 73
Viewing Angle [FWHM]	15°, 27°, 43°			
Input Voltage	12V/24V DC			
Power Consumption	3.5W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø50mm			
IP Rating	IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

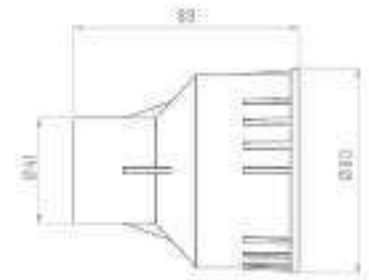
- recreation areas
- saunas
- garden ponds
- gardens
- terraces
- squares

NIVISS GROUND MINI LED

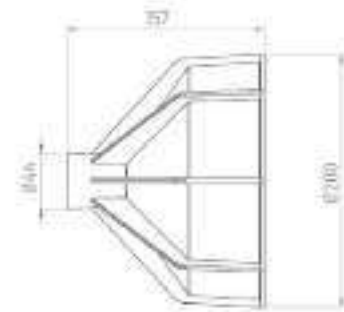


ACCESSORIES

Ground Mini ABS-1



Ground Mini ABS-2



15 - 15 degrees
27 - 27 degrees
43 - 43 degrees

SS - steel front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D M I N I - 3 - V W - 1 5 - S Q - S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

SQ - square
RD - round

LV - 12V/24V DC

I GROUND 02.4

NIVISS GROUND STANDARD LED



- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 7W / 6W
- IP67 / IP68
- round or square front
- made of 316L steel, also available with an aluminium body
- 5-year warranty



CREE 
LED Solution Provider

Light colour	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	400 lm	535 lm	535 lm	570 lm	610 lm
CRI	≥ 80				
Viewing Angle [FWHM]	10°****, 30°, 50°				
Input Voltage	230V AC 50Hz / 12V/24V DC				
Power Consumption	7W / 6W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø96mm				
IP Rating	IP67 / IP68				
Lifetime***	≥ 60 000 h				

* Other CRI, 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

**** Reduced Effective Lumen Output

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

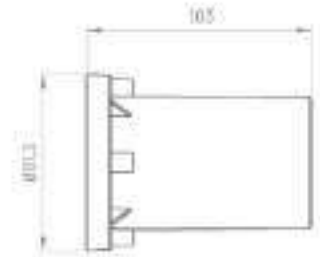
- parks
- gardens
- terraces
- squares
- premises
- plants

NIVISS GROUND STANDARD LED



ACCESSORIES

Ground Standard ABS-1
ABS Mounting pot 103 mm



Ground Standard ABS-2
ABS Mounting pot 200 mm



10 - 10 degrees
30 - 30 degrees
50 - 50 degrees

SA - steel front and aluminum body
SS - steel front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D S T A N D A R D - 7 - V W - 3 0 - S Q - S A - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K
VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

SQ - square
RD - round

LV - 12V/24V DC
HV - 230V AC, 50H

I GROUND 02.5

NIVISS GROUND MEDIUM LED



- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 20W
- IP67 / IP68
- round or square front
- made of 316L steel, also available with an aluminium body
- 5-year warranty



CREE 
LED Solution Provider

Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1450 lm	1550 lm	1650 lm	1765 lm
Effective Lumen Output COB Version**	1150 lm	1300 lm	1400 lm	1400 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50° / 10°, 20° COB Version			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	20W / 18W			
Operating Temperature	-20°C + +55°C			
Dimensions	Ø148mm			
IP Rating	IP67 / IP68			
Lifetime***	≥60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

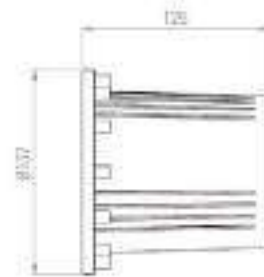
- parks
- gardens
- squares
- premises
- plants
- exterior walls

NIVISS GROUND
MEDIUM
LED



ACCESSORIES

Ground Medium ABS



- 10 - 10 degrees
- 20 - 20 degrees
- 25 - 25 degrees
- 50 - 50 degrees

- SS - steel front and body
- SA - steel front and aluminum body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D M E D I U M - 2 0 - V W - 2 4 - S Q - S A - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

VW - 2700K

SQ - square

LV - 12V/24V DC

NW - 3000K

RD - round

HV - 230V AC, 50H

NW - 4000K

CW - 5000K

I GROUND 02.6

NIVISS GROUND BIG LED

- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 33W
- IP67 / IP68
- round or square front
- made of 316L steel
- 5-year warranty



Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	3450 lm	3850 lm	4370 lm	4370 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 38°			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	33W / 30W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø216.5 mm			
IP Rating	IP67 / IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

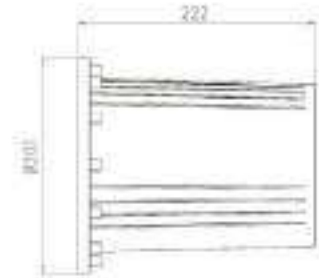
- gardens
- parks
- exterior walls
- squares

NIVISS GROUND
BIG
LED



ACCESSORIES

Ground Big ABS-1



25 - 25 degrees
38 - 38 degrees

SS - steel front and body
SA - steel front and aluminum body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D B I G - 3 5 - V W - 2 4 - S Q - S A - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

VW - 2700K

SQ - square

LV - 12V/24V DC

WW - 3000K

RD - round

HV - 230V AC, 50H

NW - 4000K

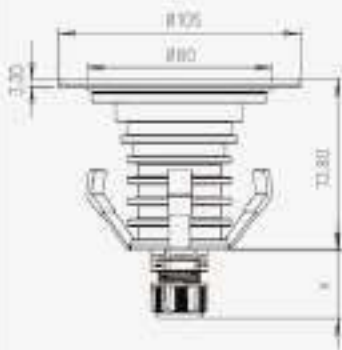
CW - 5000K

02.7

GROUND PREMIUM

NIVISS GROUND STANDARD PREMIUM

- based on CREE® LEDs
- 230V AC / IP67
- 12-24V / IP68
- power: 7W / 6W
- CRI ≥ 80, ≥ 90 on request
- fits with DN90 pipe
- round or square front
- made of 316L steel, also available with an aluminium body
- 5-year warranty



CREE 
LED Solution Provider



Light colour	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	400 lm	535 lm	535 lm	570 lm	610 lm
CRI	≥ 80				
Viewing Angle [FWHM]	10°****, 30°, 50°				
Input Voltage	230V AC 50Hz / 12V/24V DC				
Power Consumption	7W / 6W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø105 mm				
IP Rating	IP67 / IP68				
Lifetime***	≥ 60 000 h				

* Other CRI, 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

**** Reduced Effective Lumen Output

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

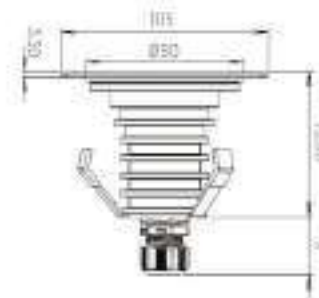
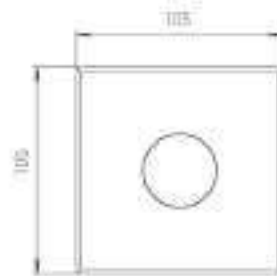
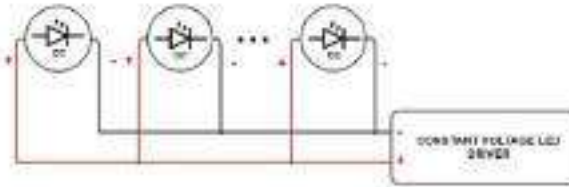
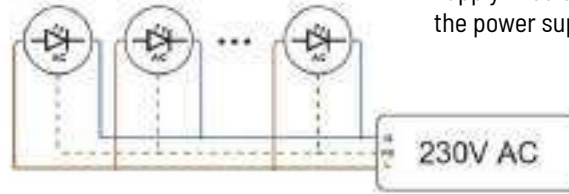
- parks
- gardens
- terraces
- squares
- premises
- plants

NIVISS GROUND
STANDARD
PREMIUM



ELECTRICAL INSTALLATION

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



ORDER CODE FORMAT

6 - 6W (LV)
7 - 7W (HV)

POWER

30 - 30 degrees
50 - 50 degrees

FWHM ANGLE

SA - steel front and aluminum body
SS - steel front and body

MATERIAL OF THE FRONT / BODY

I G R O U N D S T A N D A R D P R E M I U M - 7 - V W - 3 0 - S Q - S A - L V

FAMILY

CCT
AW - 2200K
VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

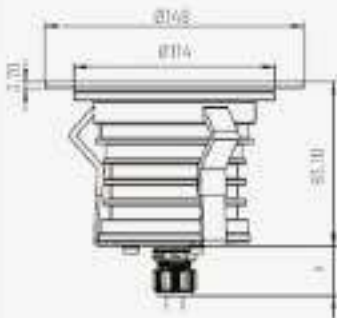
FRONT PLATE
SQ - square
RD - round

SUPPLY VOLTAGE
LV - 12V/24V DC
HV - 230V AC, 50H

I GROUND PREMIUM 02.8





NIVISS GROUND MEDIUM PREMIUM

- based on CREE® LEDs
- 230V AC / IP67
- 12-24V / IP68
- power: 20W / 18W
- CRI ≥ 80, ≥ 90 on request
- fits with DN125 pipe
- round or square front
- made of 316L steel, also available with an aluminium body
- 5-year warranty



CREE 
LED Solution Provider



	COMFORT white	WARM white	NATURAL white	COOL white
Light colour				
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1450 lm	1550 lm	1650 lm	1765 lm
Effective Lumen Output COB Version**	1150 lm	1300 lm	1400 lm	1400 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50° / 10°, 20° COB Version			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	20W / 18W			
Operating Temperature	-20°C + +55°C			
Dimensions	Ø148mm			
IP Rating	IP67 / IP68			
Lifetime***	≥60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

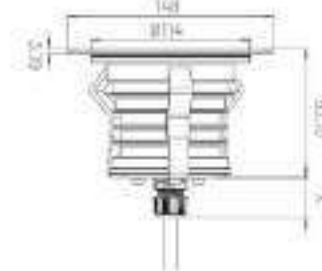
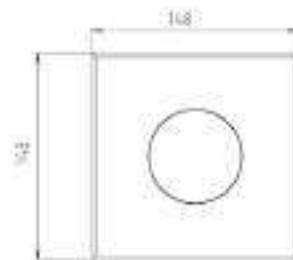
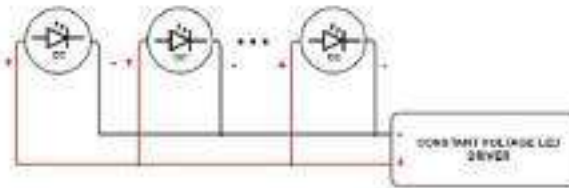
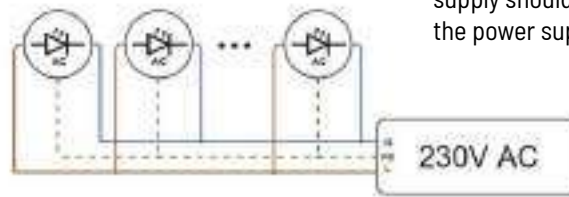
- parks
- gardens
- squares
- premises
- plants
- exterior walls

NIVISS GROUND
MEDIUM
PREMIUM



ELECTRICAL INSTALLATION

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



18 - 18W (LV)
20 - 20W (HV)

POWER

25 - 25 degrees
50 - 50 degrees

FWHM ANGLE

SA - steel front and aluminum body
SS - steel front and body

MATERIAL OF THE FRONT / BODY

ORDER CODE FORMAT

I G R O U N D M E D I U M P R E M I U M - 2 0 - V W - 2 5 - S Q - S A - L V

FAMILY

CCT

VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

FRONT PLATE

SQ - square
RD - round

SUPPLY VOLTAGE

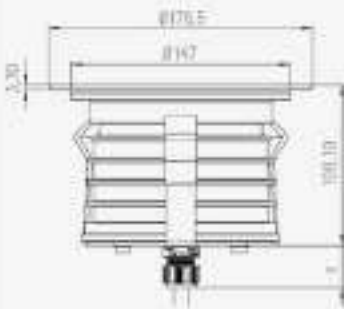
LV - 12V/24V DC
HV - 230V AC, 50H

02.9

GROUND PREMIUM

NIVISS GROUND BIG PREMIUM

- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 33W
- IP67 / IP68
- fits with DN160 pipe
- round or square front
- made of 316L steel, also available with an aluminium body
- 5-year warranty



CREE 
LED Solution Provider



Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	3450 lm	3850 lm	4370 lm	4370 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 38°			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	33W / 30W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø176,5 mm			
IP Rating	IP67 / IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

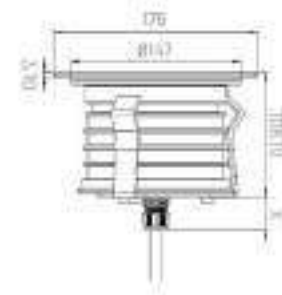
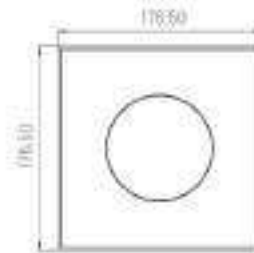
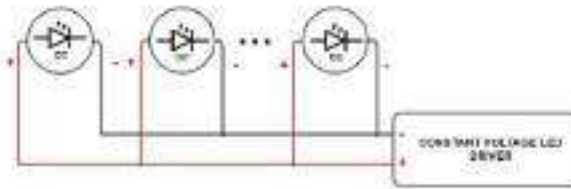
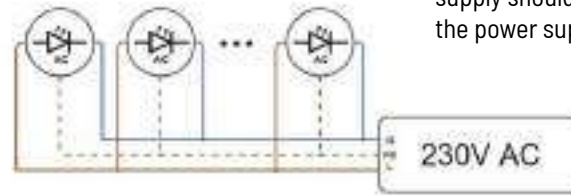
- gardens
- parks
- exterior walls
- squares

NIVISS GROUND
BIG PREMIUM



ELECTRICAL INSTALLATION

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



ORDER CODE FORMAT

30 - 30W (LV)

33 - 33W (HV)

POWER

25 - 25 degrees

38 - 38 degrees

FWHM ANGLE

SA - steel front and aluminum body

SS - steel front and body

MATERIAL OF THE FRONT / BODY

I G R O U N D B I G P R E M I U M - 3 3 - V W - 2 5 - S Q - S A - L V

FAMILY

CCT

VW - 2700K

WW - 3000K

NW - 4000K

CW - 5000K

FRONT PLATE

SQ - square

RD - round

SUPPLY VOLTAGE

LV - 12V/24V DC

HV - 230V AC, 50H



03.0

| PRODUCTS

NIVISS nGROUND SERIES

The nGround series was designed for the most demanding customers who seek non-standard solutions.

The fixture body is made of cast aluminium, which has enabled a considerable weight reduction, making it much easier to install the fixture in the ground.

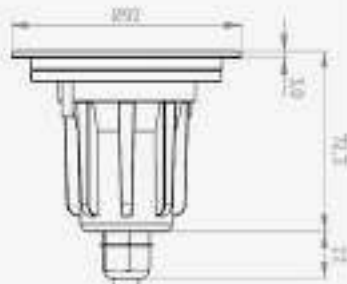
The fixtures are perfect for illuminating garden or park spaces. Due to their lightweight structure, they can be easily installed on exterior walls. When planning an investment, it is a good idea to choose reliable fixtures which have a long lifetime regardless of the weather conditions. This can be achieved with Niviss fixtures.

I nGROUND 03.1

NIVISS nGROUND STANDARD LED



- based on CREE® LEDs
- 230V AC
- power: 5W
- IP67
- made of aluminium, front of 316L steel
- 5-year warranty



CREE 
LED Solution Provider

Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	395 lm	395 lm	420 lm	450 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 45°			
Input Voltage	230V AC 50Hz			
Power Consumption	5W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø92.2 mm			
IP Rating	IP67			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

The Niviss nGround Standard fixture can be used for lighting many places and objects such as:

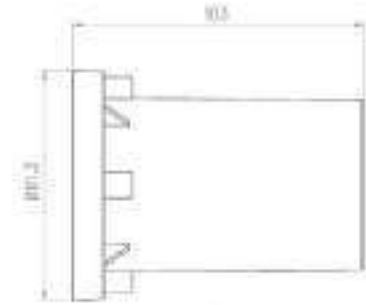
- parks
- gardens
- terraces
- squares
- premises
- plants

NIVISS nGROUND
STANDARD
LED



ACCESSORIES

Ground Standard ABS-1



ORDER CODE FORMAT

POWER

25 - 25 degrees

45 - 45 degrees

SA - steel front and aluminum body

MATERIAL OF THE FRONT / BODY

I n G R O U N D S T A N D A R D - 5 - V W - 2 5 - R D - S A - H V

FAMILY

CCT

VW - 2700K

WW - 3000K

NW - 4000K

CW - 5000K

FRONT PLATE

RD - round

SUPPLY VOLTAGE

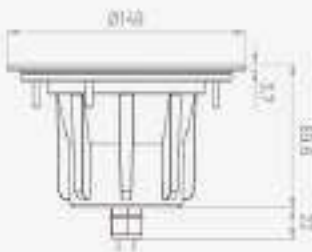
HV - 230V AC, 50H

I nGROUND 03.2





NIVISS nGROUND MEDIUM LED



- based on CREE® LEDs
- 230V AC
- power: 17W
- IP67
- made of aluminium, front of 316L steel
- 5-year warranty



CREE 
► LED Solution Provider

	COMFORT white	WARM white	NATURAL white	COOL white
Light colour				
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1340 lm	1340 lm	1450 lm	1550 lm
Effective Lumen Output COB Version**	890 lm	1000 lm	1090 lm	1090 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50° / 10°, 20° COB Version			
Input Voltage	230V AC 50Hz			
Power Consumption	17W			
Operating Temperature	-20°C + +55°C			
Dimensions	Ø148mm			
IP Rating	IP67			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

The Niviss nGround Medium fixture can be used for lighting many places and objects such as:

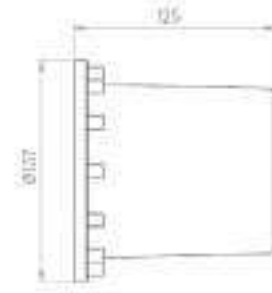
- parks
- gardens
- squares
- premises
- plants
- exterior walls

NIVISS nGROUND
MEDIUM
LED



ACCESSORIES

Ground Medium ABS-1
ABS Mounting pot



ORDER CODE FORMAT

POWER

10 - 10 degrees
20 - 20 degrees
25 - 25 degrees
50 - 50 degrees

FWHM ANGLE

SA - steel front and aluminum body

MATERIAL OF THE FRONT / BODY

I n G R O U N D M E D I U M - 1 7 - V W - 2 5 - R D - S A - H V

FAMILY

CCT

VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

FRONT PLATE

RD - round

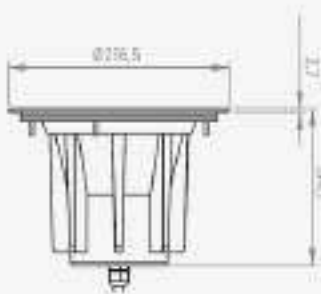
SUPPLY VOLTAGE

HV - 230V AC, 50H

I nGROUND 03.3

NIVISS nGROUND BIG LED

- based on CREE® LEDs
- 230V AC
- power: 30W
- IP67
- made of aluminium, front of 316L steel
- 5-year warranty



Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	3100 lm	3530 lm	3990 lm	3990 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 38°			
Input Voltage	230V AC 50Hz			
Power Consumption	30W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø216.5 mm			
IP Rating	IP67			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

The Niviss nGround Big fixture can be used for lighting many places and objects such as:

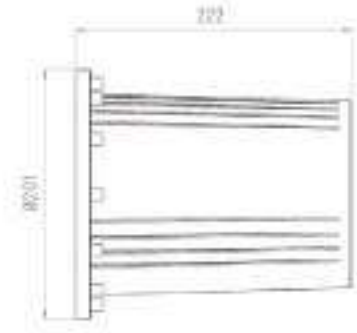
- gardens
- parks
- exterior walls
- squares
- plants
- gardens

NIVISS nGROUND
BIG
LED



ACCESSORIES

Ground Big ABS-1
ABS Mounting pot



ORDER CODE FORMAT

POWER

25 - 25 degrees
38 - 38 degrees

FWHM ANGLE

SA - steel front and aluminum body

MATERIAL OF THE FRONT / BODY

I n G R O U N D B I G - 3 0 - V W - 2 5 - R D - S A - H V

FAMILY

CCT

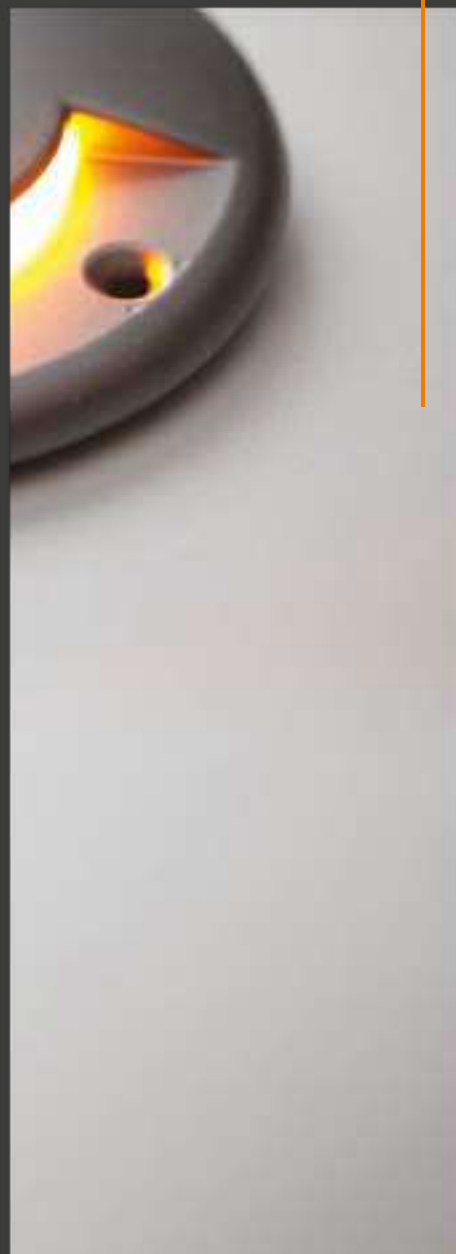
VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

FRONT PLATE

RD - round

SUPPLY VOLTAGE

HV - 230V AC, 50H



04.0

| PRODUCTS

NIVISS nDISC SERIES

The drive-over Niviss nDisc fixtures are perfect for lighting car parks and driveways. Due to their high resistance rating, they can easily carry loads imposed by vehicles weighing up to 3.5 tons.

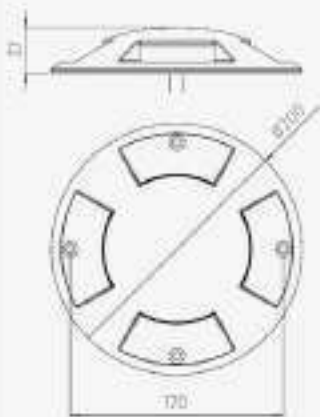
They are made of one of the top-quality steels available on the market - the 316L steel. This steel grade offers the best resistance to unfavourable weather conditions.

When planning an investment, it is a good idea to choose reliable fixtures which have a long lifetime regardless of the weather conditions. This can be achieved with Niviss fixtures.

I nDISC 4.1

NIVISS nDISC MEDIUM 5T LED

- based on CREE® LEDs
- 230V AC
- power: 15W
- IP67
- working load: 5 tons
- made of aluminum, 316L steel on request
- 5-year warranty



CREE 
LED Solution Provider



WARM
white



Light colour	●
Colour Temperature*	3000 ± 150 K
Effective Lumen Output**	900 lm
CRI	≥ 80
Input Voltage	230V AC 50Hz
Power Consumption	15W
Operating Temperature	-20°C ÷ +55°C
Dimensions	Ø200 mm
IP Rating	IP67
Load	5000 kg
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

The Niviss nDisc Medium 5t fixture can be used for lighting many places and objects such as:

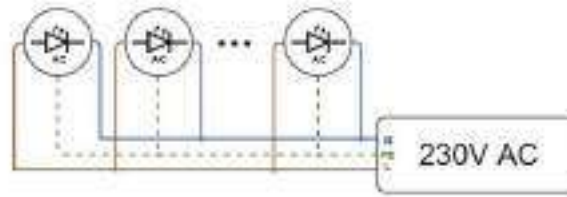
- premises
- parks
- car parks
- gardens
- terraces
- squares

NIVISS nDISC
MEDIUM 5T
LED



ELECTRICAL INSTALLATION

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



ORDER CODE FORMAT

POWER

- 2 - 2 sides open
- 4 - 4 sides open

NO. OF SIDES OPEN

- SS - steel
- AA - aluminum

MATERIAL OF THE FRONT / BODY

I n D I S C M E D I U M - 5 T - 1 5 - W W - 4 - R D - A A - H V

FAMILY

CCT
WW -3000K

FRONT PLATE
RD - round

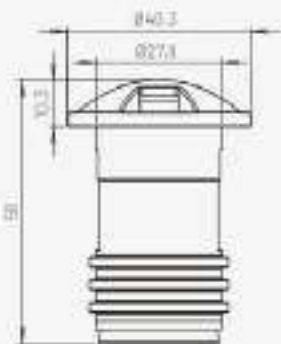
SUPPLY VOLTAGE
HV - 230V AC, 50H

I nDISC 4.2





NIVISS nDISC MICRO LED



- based on CREE® LEDs
- 12-24V DC
- power: 2.5W
(on request: 3.5W)
- IP68
- made of 316L steel
- 5-year warranty



CREE 
LED Solution Provider

	COMFORT white	WARM white	NATURAL white	COOL white
Light colour				
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	< 60 lm	< 60 lm	< 60 lm	< 60 lm
CRI	≥ 80	≥ 80	≥ 80	≥ 70
Input Voltage	12V/24V DC			
Power Consumption	2.5W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø40.3 mm			
IP Rating	IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

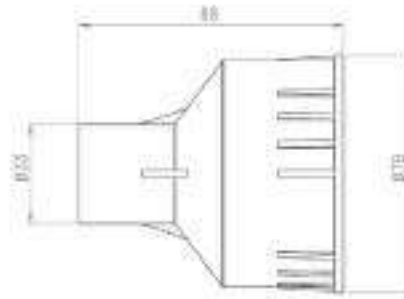
- recreation areas
- saunas
- gardens
- terraces

NIVISS nDISC
MICRO
LED

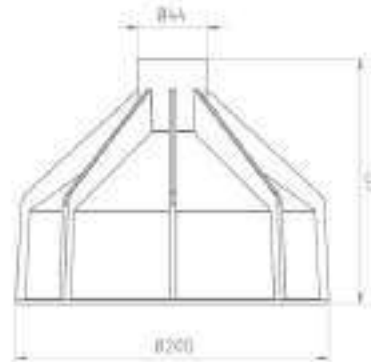


ACCESSORIES

Ground Mini ABS-1



Ground Mini ABS-2



SS - steel front and body

MATERIAL OF THE FRONT / BODY

ORDER CODE FORMAT

POWER

I n D I S C M I C R O - 2 - V W - R D - S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K

RD - round

LV - 12V/24V DC

VW - 2700K

WW - 3000K

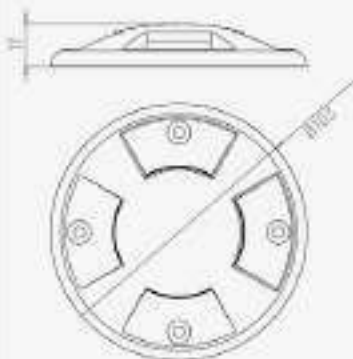
NW - 4000K

CW - 5000K

I nDISC 04.3

NIVISS nDISC STANDARD LED

- based on CREE® LEDs
- 230V AC
- power: 4.6W
- IP67
- working load up to 1 100 kg
- made of 316L steel or aluminium
- 5-year warranty



WARM
white



Light colour	
Colour Temperature	3000 ± 150 K
Effective Lumen Output*	500 lm
CRI	≥ 80
Input Voltage	230V AC 50Hz
Power Consumption	4.6W
Operating Temperature	-20°C ± +55°C
Dimensions	Ø103 mm
IP Rating	IP67
Load	1 100 kg
Lifetime**	≥ 60 000 h

* 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 80% of initial light output) and other electronic components.

The Niviss nDisc Standard fixture can be used for lighting many places and objects such as:

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

NIVISS nDISC
STANDARD
LED



ACCESSORIES

nDisc Standard Mask



ORDER CODE FORMAT

POWER

4 - 4 sides open

SS - steel

AA - aluminum

NO. OF SIDES OPEN

MATERIAL OF THE FRONT / BODY

I n D I S C S T A N D A R D - 5 - W W - 4 - R D - S S - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

WW - 3000K

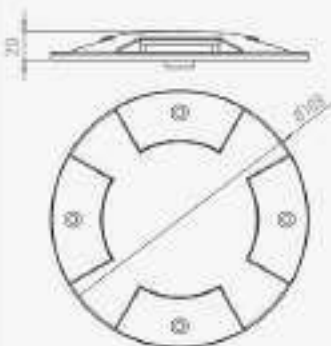
RD - round

HV - 230V AC, 50H

I nDISC 34.4

NIVISS nDISC MEDIUM LED

- based on CREE® LEDs
- 230V AC
- power: 6W
- IP67
- working load up to 1 300 kg
- 3 step dimming
- made of aluminium, 316L steel on request
- 5-year warranty



CREE 
 ▶ LED Solution Provider



WARM
white



Light colour	
Colour Temperature	3000 ± 150 K
Effective Lumen Output*	460 lm
CRI	≥ 80
Input Voltage	230V AC 50Hz
Power Consumption	6W
Operating Temperature	-20°C ± +55°C
Dimensions	Ø169 mm
IP Rating	IP67
Load	1 300 kg
Lifetime**	≥ 60 000 h

* 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 80% of initial light output) and other electronic components.

The Niviss nDisc Medium fixture can be used for lighting many places and objects such as:

- premises
- parks
- car parks
- gardens
- terraces
- squares

NIVISS nDISC
MEDIUM
LED



ACCESSORIES

nDisc Medium Mask



ORDER CODE FORMAT

POWER

2 - 2 sides open

SS - steel

4 - 4 sides open

AA - aluminum

NO. OF SIDES OPEN

MATERIAL OF THE FRONT / BODY

I n D I S C M E D I U M - 6 - W W - 4 - R D - A A - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

WW-3000K

RD - round

HV - 230V AC, 50H



05.0

| PRODUCTS

NIVISS PROJECTOR SERIES

The Projector series was created for customers looking for flexible lighting solutions for garden and park spaces. Thanks to the moveable fixture, the light beam can be pointed in any direction. The lights are perfect for illuminating exterior walls.

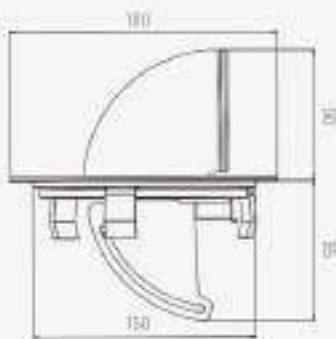
The RGB and DW versions enable you to create stunning effects. Additionally, the smart control makes Niviss Projektor fixtures one of the most innovative solutions available on the market.

When planning an investment, it is a good idea to choose reliable fixtures which have a long lifetime regardless of the weather conditions. This can be achieved with Niviss fixtures.

I PROJECTOR 05.1

NIVISS nSCOPE

- based on CREE® LEDs
- 230V AC
- power: 13W
- IP65 / IP67
- made of 316L steel
- 5-year warranty



CREE 
 ▶ LED Solution Provider



WARM
white



Light colour	●
Colour Temperature*	3000 ± 150 K
Effective Lumen Output**	1100 lm
CRI	≥ 80
Viewing Angle [FWHM]	36°
Input Voltage	230V AC 50Hz
Power Consumption	13W
Operating Temperature	-20°C ÷ +40°C
Dimensions	180 mm x (95 mm up to 185 mm)
IP Rating	IP65 / IP67
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

The Niviss nScope fixture can be used for lighting many places and objects such as:

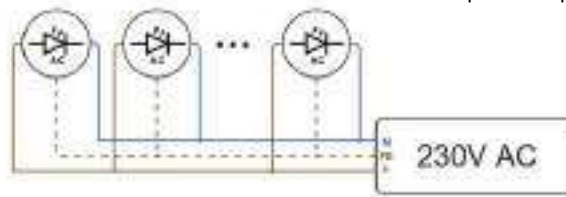
- parks
- gardens
- terraces
- squares
- premises
- plants

NIVISS
nSCOPE



ELECTRICAL INSTALLATION

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



ORDER CODE FORMAT

POWER

36 - 36 degrees

SS - steel front and body

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I n S C O P E - 1 3 - W W - 3 6 - R D - S S - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

WW - 3000K

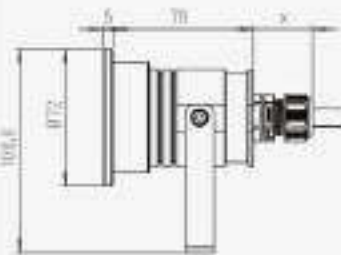
RD - round

HV - 230V AC, 50H

I PROJECTOR 05.2

NIVISS GROUND STANDARD PROJECTOR

- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 7W / 6W
- IP67 / IP68
- made of 316L steel, also available with an aluminium body
- 5-year warranty



AMBER white COMFORT white WARM white NATURAL white COOL white

Light colour	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	400 lm	535 lm	535 lm	570 lm	610 lm
CRI	≥ 80				
Viewing Angle [FWHM]	10°, 30°, 50°				
Input Voltage	230V AC 50Hz / 12V/24V DC				
Power Consumption	7W / 6W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø72 mm				
IP Rating	IP67 / IP68				
Lifetime***	≥ 60 000 h				

CREE 
 ▶ LED Solution Provider

* Other CRI, 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

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

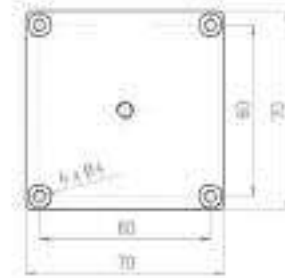
- parks
- gardens
- exterior walls
- monuments
- premises
- plants



NIVISS GROUND STANDARD PROJECTOR

ACCESSORIES

Ground Plate 6063
Ground Plate SST



Ground Spike Nylon
Ground Spike SST



- 10 - 10 degrees
- 30 - 30 degrees
- 50 - 50 degrees

- AA - aluminum front and body
- SS - steel front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D S T A N D A R D P R - 7 - V W - 3 0 - R D - S S - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K

RD - round

LV - 12V/24V DC

VW - 2700K

WW - 3000K

NW - 4000K

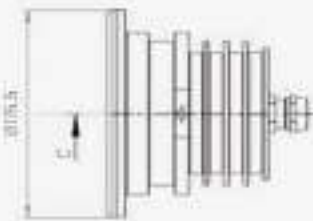
CW - 5000K

HV - 230V AC, 50H

I PROJECTOR 05.3

NIVISS GROUND MEDIUM PROJECTOR

- based on CREE® LEDs
- 230V AC / IP67
- 12-24V / IP68
- power: 20W / 18W
- round or square front
- made of brass, also available with an aluminium body
- 5-year warranty



Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1450 lm	1550 lm	1650 lm	1765 lm
Effective Lumen Output COB Version**	1150 lm	1300 lm	1400 lm	1400 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50° / 10°, 20° COB Version			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	20W / 18W			
Operating Temperature	-20°C + +55°C			
Dimensions	Ø115.5 mm			
IP Rating	IP67 / IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

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

NIVISS GROUND
MEDIUM
PROJECTOR



ACCESSORIES

18 - 18W (LV)
20 - 20W (HV)

POWER

25 - 25 degrees
50 - 50 degrees

FWHM ANGLE

SS - steel front and body

MATERIAL OF THE FRONT / BODY

ORDER CODE FORMAT

I G R O U N D M E D I U M P R - 1 8 - V W - 2 5 - R D - S S - L V

FAMILY

CCT

VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

FRONT PLATE

RD - round

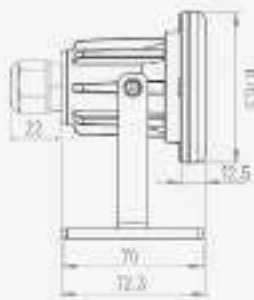
SUPPLY VOLTAGE

LV - 12V/24V DC
HV - 230V AC, 50H

I PROJECTOR 05.4

NIVISS nGROUND STANDARD PROJECTOR

- based on CREE® LEDs
- 230V AC
- power: 5W
- IP67
- made of aluminium
- 5-year warranty



Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	395 lm	395 lm	420 lm	450 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 45°			
Input Voltage	230V AC 50Hz			
Power Consumption	5W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø76.5 mm			
IP Rating	IP67			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

The Niviss nGround Standard Projector fixture can be used for lighting many places and objects such as:

- parks
- gardens
- exterior walls
- monuments
- premises
- plants



NIVISS nGROUND STANDARD PROJECTOR

ACCESSORIES

Ground Plate ADC12



Ground Spike Nylon



ORDER CODE FORMAT

POWER

25 - 25 degrees

45 - 45 degrees

FWHM ANGLE

AA - aluminum front and body

MATERIAL OF THE FRONT / BODY

I n G R O U N D S T A N D A R D P R - 5 - V W - 2 5 - R D - A A - H V

FAMILY

CCT

VW - 2700K

NW - 3000K

NW - 4000K

CW - 5000K

FRONT PLATE

RD - round

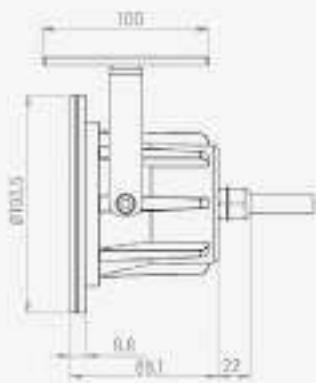
SUPPLY VOLTAGE

HV - 230V AC, 50H

I PROJECTOR 05.5

NIVISS nGROUND MEDIUM PROJECTOR

- based on CREE® LEDs
- 230V AC
- power: 17W
- IP67
- made of aluminium
- 5-year warranty



	COMFORT white	WARM white	NATURAL white	COOL white
Light colour	●	●	●	●
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1340 lm	1340 lm	1450 lm	1550 lm
Effective Lumen Output COB Version**	890 lm	1000 lm	1090 lm	1090 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50° / 10°, 20° COB Version			
Input Voltage	230V AC 50Hz			
Power Consumption	17W			
Operating Temperature	-20°C + +55°C			
Dimensions	Ø130.5 mm			
IP Rating	IP67			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

The Niviss nGround Medium Projector fixture can be used for lighting many places and objects such as:

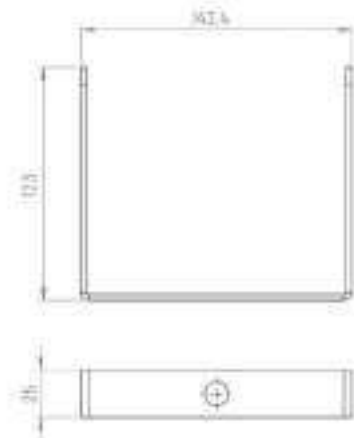
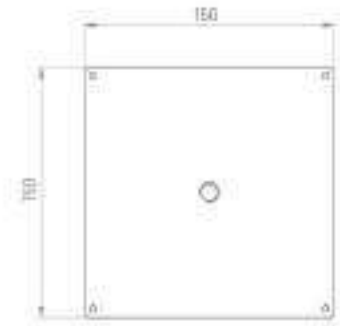
- parks
- gardens
- exterior walls
- monuments
- premises
- plants

NIVISS nGROUND
MEDIUM PROJECTOR



ACCESSORIES

Ground Plate



- 10 - 10 degrees
- 20 - 20 degrees
- 25 - 25 degrees
- 50 - 50 degrees

AA - aluminum front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I n G R O U N D M E D I U M P R - 1 7 - V W - 2 5 - R D - A A - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

VW - 2700K

RD - round

HV - 230V AC, 50H

WW - 3000K

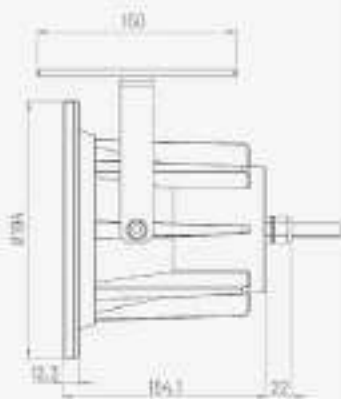
NW - 4000K

CW - 5000K

I PROJECTOR 05.6

NIVISS nGROUND BIG PROJECTOR

- based on CREE® LEDs
- 230V AC
- power: 30W
- IP67
- made of aluminium
- 5-year warranty



	COMFORT white	WARM white	NATURAL white	COOL white
Light colour	●	●	●	●
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	3100 lm	3530 lm	3990 lm	3990 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 38°			
Input Voltage	230V AC 50Hz			
Power Consumption	30W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø194 mm			
IP Rating	IP67			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

The Niviss nGround Big Projector can be used for lighting many places and objects such as:

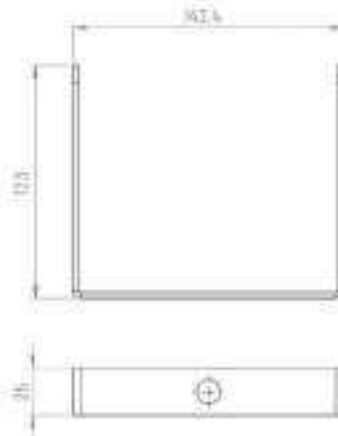
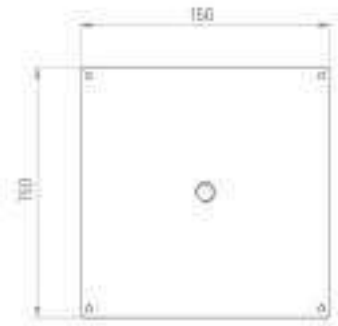
- parks
- gardens
- exterior walls
- monuments
- premises
- plants

NIVISS nGROUND
BIG PROJECTOR



ACCESSORIES

Ground Plate



ORDER CODE FORMAT

POWER

25 - 25 degrees

38 - 38 degrees

FWHM ANGLE

AA - aluminum front and body

MATERIAL OF THE FRONT / BODY

I n G R O U N D B I G P R - 3 0 - V W - 2 5 - R D - A A - H V

FAMILY

CCT

VW - 2700K

WW - 3000K

NW - 4000K

CW - 5000K

FRONT PLATE

RD - round

SUPPLY VOLTAGE

HV - 230V AC, 50H



06.0

| PRODUCTS

NIVISS BRASS SERIES

The Niviss Brass series was designed for the most demanding customers who expect something more from light.

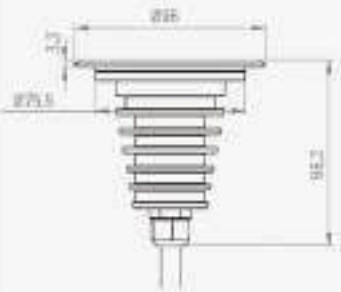
The unique combination of brass, passion and Niviss experience makes the Niviss Brass series our most luxurious version of ground and garden luminaires we have ever created. We are not afraid to say that we have created a work of art to illuminate luxurious indoor and outdoor spaces.

I BRASS 06.1

NIVISS GROUND STANDARD BRASS



- based on CREE® LEDs
- 230V AC / 12-24V
- power: 7W / 6W
- IP67 / IP68
- round or square front
- made of brass, also available with an aluminium body
- 5-year warranty



CREE 
 ▶ LED Solution Provider

Light colour	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	400 lm	535 lm	535 lm	570 lm	610 lm
CRI	≥ 80				
Viewing Angle [FWHM]	10°****, 30°, 50°				
Input Voltage	230V AC 50Hz / 12V/24V DC				
Power Consumption	7W / 6W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø96 mm or 96x96 mm				
IP Rating	IP67 / IP68				
Lifetime***	≥ 60 000 h				

* Other CRI, 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

**** Reduced Effective Lumen Output

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

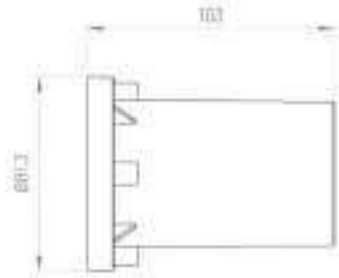
- parks
- gardens
- terraces
- squares
- premises
- plants

NIVISS GROUND
STANDARD
BRASS



ACCESSORIES

Ground Standard ABS-1



Ground Standard ABS-2



6 - 6W (LV)	10 - 10 degrees	BRASS - brass front and body
7 - 7W (HV)	30 - 30 degrees	
	50 - 50 degrees	
POWER	FWHM ANGLE	MATERIAL OF THE FRONT / BODY

I G R O U N D S T A N D A R D - 7 - V W - 3 0 - S Q - B R A S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K

SQ - square

LV - 12V/24V DC

VW - 2700K

RD - round

HV - 230V AC, 50H

WW - 3000K

NW - 4000K

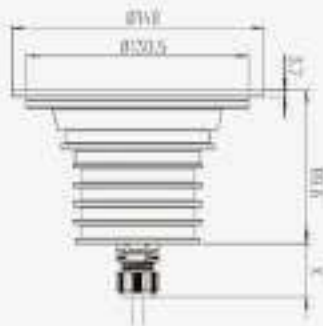
CW - 5000K

I BRASS 06.2

NIVISS GROUND MEDIUM BRASS



- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 20W / 18W
- IP67 / IP68
- round or square front
- made of brass, also available with an aluminium body
- 5-year warranty



CREE 
LED Solution Provider

Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1450 lm	1550 lm	1650 lm	1765 lm
Effective Lumen Output COB Version**	1150 lm	1300 lm	1400 lm	1400 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50° / 10°, 20° COB Version			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	20W / 18W			
Operating Temperature	-20°C + +55°C			
Dimensions	Ø148 mm or 148x148 mm			
IP Rating	IP67 / IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

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

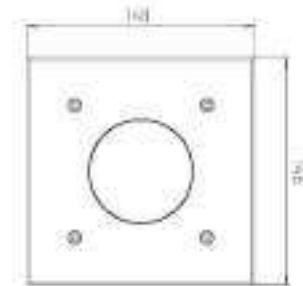
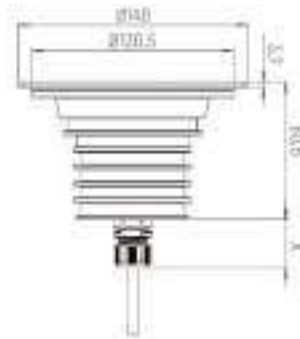
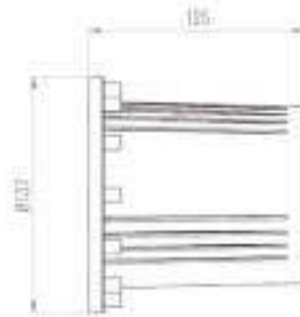
- parks
- gardens
- squares
- premises
- plants
- exterior walls

NIVISS GROUND
MEDIUM
BRASS



ACCESSORIES

Ground Medium ABS-1



- 10 - 10 degrees
- 20 - 20 degrees
- 25 - 25 degrees
- 50 - 50 degrees

BRASS - brass front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D M E D I U M - 2 0 - V W - 2 5 - S Q - B R A S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

VW - 2700K

SQ - square

LV - 12V/24V DC

WW - 3000K

RD - round

HV - 230V AC, 50H

NW - 4000K

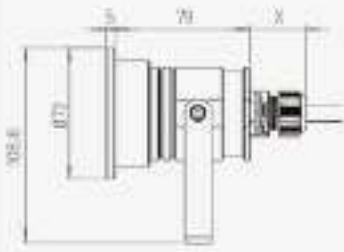
CW - 5000K

I BRASS 06.3

NIVISS GROUND STANDARD PROJECTOR BRASS



- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 7W / 6W
- IP67 / IP68
- made of brass, also available with an aluminium body
- 5-year warranty



	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Light colour	●	●	●	●	●
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	400 lm	535 lm	535 lm	570 lm	570 lm
CRI	≥ 80				
Viewing Angle [FWHM]	10°, 30°, 50°				
Input Voltage	230V AC 50Hz / 12V/24V DC				
Power Consumption	7W / 6W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø72 mm				
IP Rating	IP67 / IP68				
Lifetime***	≥ 60 000 h				

* Other CRI, 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

**** Reduced Effective Lumen Output

The Niviss Ground Standard Projector Brass fixture can be used for lighting many places and objects such as:

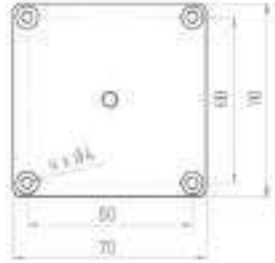
- parks
- gardens
- exterior walls
- monuments
- premises
- plants

NIVISS GROUND STANDARD
PROJECTOR
BRASS

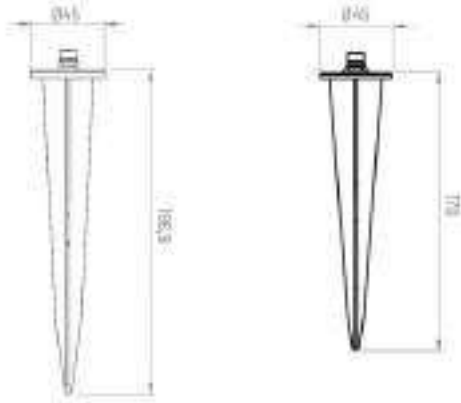


ACCESSORIES

Ground Plate Brass



Ground Spike Brass



- 10 - 10 degrees
- 30 - 30 degrees
- 50 - 50 degrees

BRASS - brass front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D S T A N D A R D P R - 7 - V W - 3 0 - R D - B R A S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K

RD - round

LV - 12V/24V DC

VW - 2700K

WW - 3000K

NW - 4000K

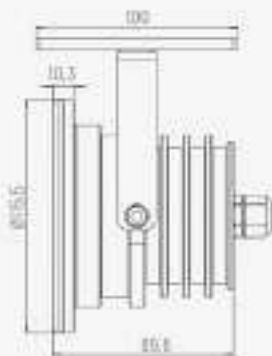
CW - 5000K

HV - 230V AC, 50H

I BRASS 06.4

NIVISS GROUND MEDIUM PROJECTOR BRASS

- based on CREE® LEDs
- 230V AC / 12-24V on request
- power: 20W / 18W
- IP67 / IP68
- made of brass, also available with an aluminium body
- 5-year warranty



	COMFORT white	WARM white	NATURAL white	COOL white
Light colour	●	●	●	●
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1450 lm	1550 lm	1650 lm	1765 lm
Effective Lumen Output COB Version**	1150 lm	1300 lm	1400 lm	1400 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50° / 10°, 20° COB Version			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	20W / 18W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø115.5 mm			
IP Rating	IP67 / IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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 80% of initial light output) and other electronic components.

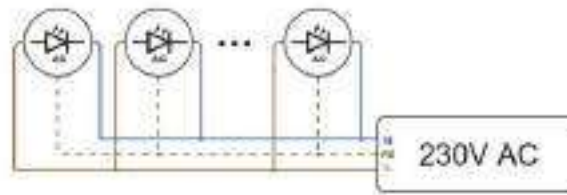
The Niviss Ground Medium Projector Brass fixture can be used for lighting many places and objects such as:

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

NIVISS GROUND MEDIUM PROJECTOR BRASS



ELECTRICAL INSTALLATION



ORDER CODE FORMAT

18 - 18W (LV)
20 - 20W (HV)

POWER

25 - 25 degrees
50 - 50 degrees

FWHM ANGLE

BRASS - brass front and body

MATERIAL OF THE FRONT / BODY

I G R O U N D M E D I U M P R - 1 8 - V W - 2 5 - R D - B R A S S - L V

FAMILY

CCT

VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

FRONT PLATE

RD - round

SUPPLY VOLTAGE

LV - 12V/24V DC
HV - 230V AC, 50H



07.0

| PRODUCTS

NIVISS nSTEP SERIES

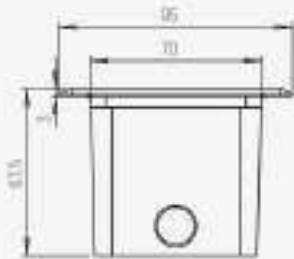
The Niviss nStep fixtures family was designed for installation at a dedicated junction box. The IP67 protection rating makes it perfect for all indoor as well as outdoor applications.

Different front finish options and a large variety of available CCTs make nStep fixtures extremely versatile. The perfect environment for them are walls at stairs, hallways and facades of buildings.

I nSTEP 87.1

NIVISS nSTEP MINI LED

- based on CREE® LEDs
- 230V AC
- power: 4.6W
- IP65
- CRI ≥ 80 , ≥ 90 on request
- made of aluminium protected by painting
- another color on request
- 5-year warranty



CREE 
LED Solution Provider



WARM
white



Light colour	WARM white
Colour Temperature	3000 \pm 150 K
Source Lumen Output*	500 lm
CRI	≥ 80
Input Voltage	230V AC 50Hz
Power Consumption	4.6W
Operating Temperature	-20°C + +55°C
Dimensions	95x95 mm
IP Rating	IP65
Lifetime**	$\geq 60\ 000$ h

* 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

The Niviss nStep Mini fixture can be used for lighting many places and objects such as:

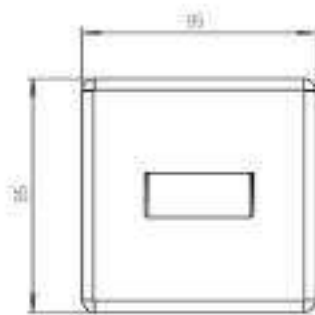
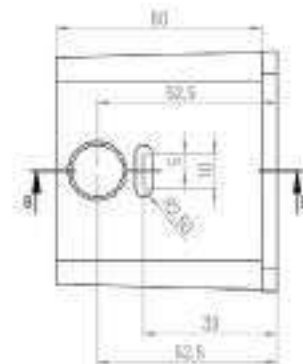
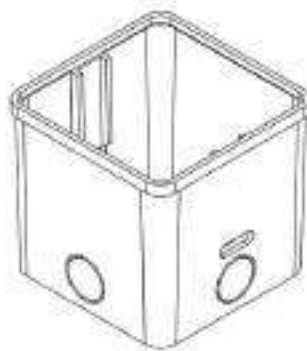
- stairs
- corridors
- terraces
- shopping center
- premises
- gardens

NIVISS nSTEP
MINI
LED



ACCESSORIES

nStep Basket



ORDER CODE FORMAT

POWER

BM - black mat

A - aluminum ADC12

BG - black gloss

P - polycarbonate (PC)

FRONT COLOR

MATERIAL OF THE FRONT / BODY

I n S T E P - M I N I - 5 - W W - B M - S Q - A P - H V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

WW - 3000K

SQ - square

HV - 230V AC, 50H

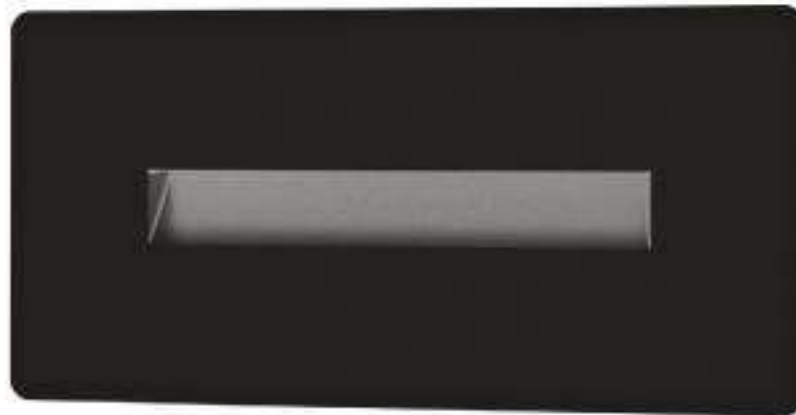
I nSTEP 07.2

NIVISS nSTEP STANDARD LED

- based on CREE® LEDs
- 230V AC
- power: 9.8W
- IP65
- CRI ≥ 80 , ≥ 90 on request
- made of steel protected by painting
- another color on request
- 5-year warranty



CREE 
LED Solution Provider



WARM
white



Light colour	
Colour Temperature	3000 \pm 150 K
Source Lumen Output*	1000 lm
Risk group	RG1
CRI	≥ 80
Viewing Angle	Ambient light
Input Voltage	230V AC 50Hz
Power Consumption	9.8W
Operating Temperature	-20°C \div +55°C
Dimensions	190x95 mm
Proposed Cable Type	H07RN-F 3G1
Cable Length	0.5 m
IP Rating	IP65
Lifetime**	$\geq 60\ 000$ h
Appliance Class	Class I

* 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

The Niviss nStep Standard fixture can be used for lighting many places and objects such as:

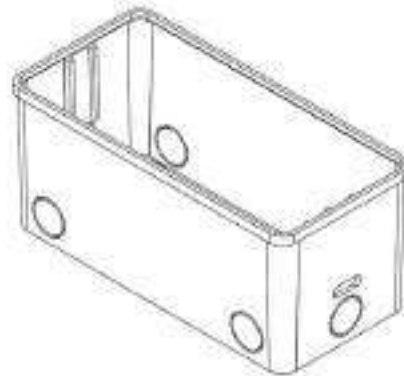
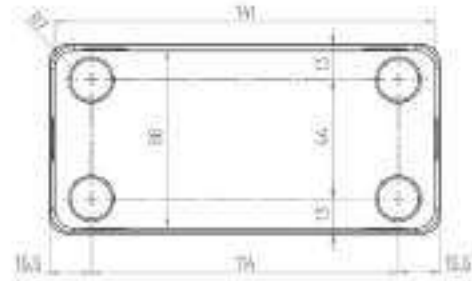
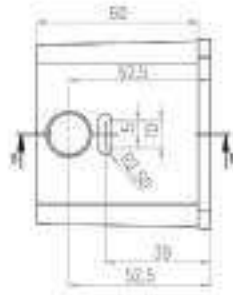
- stairs
- corridors
- terraces
- shopping center
- premises
- gardens

NIVISS nSTEP
STANDARD
LED



ACCESSORIES

nStep Basket



ORDER CODE FORMAT

POWER

BM - black mat
BG - black gloss

FRONT COLOR

A - aluminum ADC12
P - polycarbonate (PC)

MATERIAL OF THE FRONT / BODY

I n S T E P - S T A N D A R D - 1 0 - W W - B M - S Q - A P - H V

FAMILY

CCT
WW - 3000K

FRONT PLATE
SQ - square

SUPPLY VOLTAGE
HV - 230V AC, 50H



08.0

| PRODUCTS

NIVISS WALL SERIES

Wall washing or vertical illumination is a very important aspect of lighting in architecture. The wash of light on vertical surfaces helps define space or the spatial envelope. Until very recently, such lighting solutions could only be achieved with specially designed optics from traditional luminaires, with circular or square profiles. It is only with the rapid development of linear LED profiles that we are now in a position to confidently state that slim linear LED luminaires can perform exceedingly well in this critical and complex application.

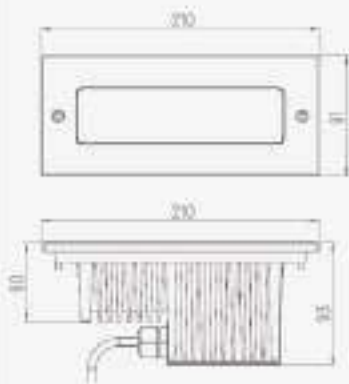
Niviss Wall Wash is a top of the line product offering benefits from the revolutionary Refled® reflector technology. It is designed to give the best vertical illumination possible. It offers perfect longitudinal glare reduction with a uniform light distribution over the wall without lateral light spill for superior wall wash applications.

WALL 8.1

NIVISS

nWALL

- based on CREE® LEDs
- 230V AC
- power: 11W
- IP65
- 2 types symmetric or assymetric
- made of 316L steel front and aluminium body
- 5-year warranty



CREE 
 LED Solution Provider



Light colour	COMFORT white	WARM white	NATURAL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K
Effective Lumen Output**	-	950-850 lm	-
CRI		≥ 80	
Input Voltage	230V AC 50Hz		
Power Consumption	11W		
Operating Temperature	-20°C ÷ +55°C		
Dimensions	210 mm x 91 mm x 93 mm		
IP Rating	IP65		
Lifetime***	≥ 60 000 h		

* Other CRI, 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

The Niviss nWall fixture can be used for lighting many places and objects such as:

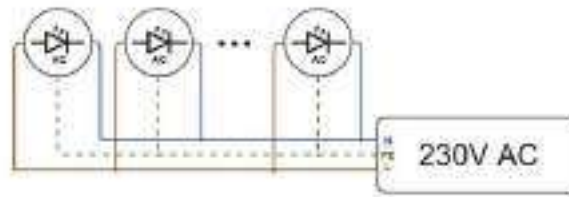
- gardens
- ramps
- fasade lighting
- stairs
- terraces
- squares

NIVISS
nWALL



ELECTRICAL INSTALLATION

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



ORDER CODE FORMAT

POWER

40 - 40 degrees
AS - asymmetric

FWHM ANGLE

SA - steel front and aluminum body

HV - 230V AC, 50H

SUPPLY VOLTAGE

I n W A L L - 1 1 - W W - 4 0 - S A - H V

FAMILY

CCT

VW - 2700K
WW - 3000K
NW - 4000K

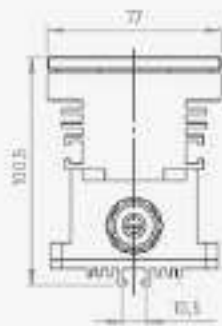
MATERIAL OF THE FRONT / BODY

SA - steel front and aluminum body

WALL 8.2

NIVISS WALLWASHER RGBW-PRELIMINARY

- based on CREE® LEDs
- 230V AC
- power: 60W
- IP67
- the module is dimmable (0-100%) and can be controlled by DALI interface
- made of 316L steel
- 5-year warranty



	RED	GREEN	BLUE	NATURAL white	COOL white
Light colour	●	●	●	●	●
CCT/SDCM	620 - 630 nm	520 - 535 nm	450 -465 nm	4000 K	6500 K
Effective Lumen Output*	5000 mW	3000 mW	7500 mW	1375 lm	1400 lm
Viewing Angle [FWHM]	10°, 50°				
Input Voltage	230V AC				
Max. Power	60W				
Operating Temperature	-20°C ÷ +45°C				
Dimensions	1000 mm x 77 mm x 46,25 mm / 93,5 mm with driver				
IP Rating	IP68				
Lifetime**	≥ 50 000 h				

The Niviss Wallwasher RGBW-Preliminary fixture can be used as:

- decorative lighting
- accent lighting
- task lighting
- general lighting
- recessed furniture LED spotlight

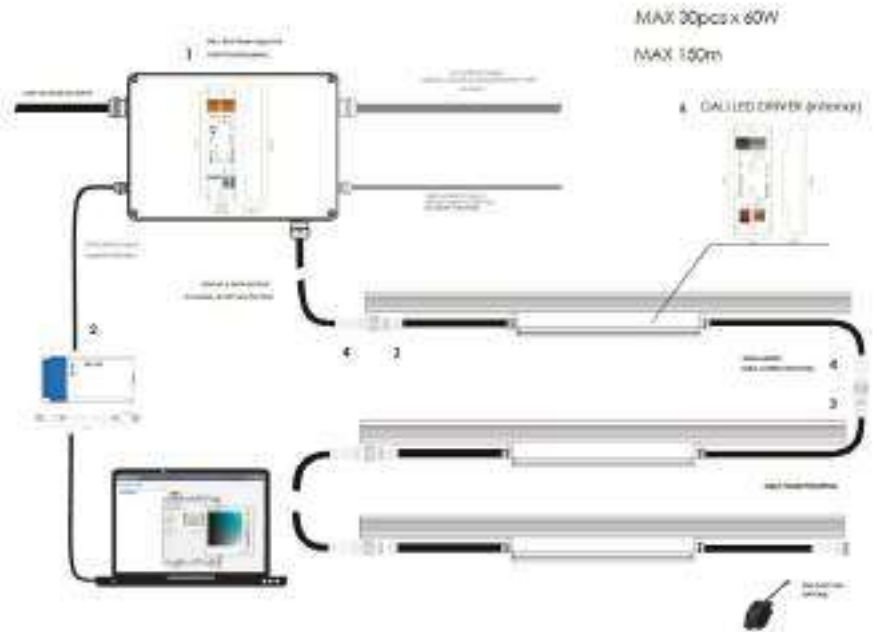
NIVISS

WALLWASHER
RGBW-PRELIMINARY



TYPICAL SYSTEM DIAGRAM

Ground Wall with Dali Control



ORDER CODE FORMAT

POWER

10 - 10 degrees

50 - 50 degrees

FWHM ANGLE

- 230V AC, 50HZ

SUPPLY VOLTAGE

I WALLWASHER - 60 - NW - 50 - AA - HV

FAMILY

COLOUR VERSION

MATERIAL OF THE FRONT / BODY

RGBW - RGB + warm white

AA - aluminum front and body

RGBN - RGB + neutral white

SS - steel front and body

RGBC - RGB + cool white

NW - neutral white



NIVISS GROUND RGB & RGBW SERIES

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

Ground series fixtures are made of top-quality materials such as surgical steel, high-purity glass for optical applications, and modern CREE® LEDs.

When planning an investment, it is a good idea to choose reliable fixtures which have a long lifetime regardless of the weather conditions. This can be achieved with Niviss fixtures.

I RGB-W 09.1

NIVISS GROUND MICRO RGBW



- based on CREE® LEDs
- up to 150 mA per channel
- power: 0.5W per channel
- IP68
- round or square front
- RGBW
- made of 316L steel
- 5-year warranty



CREE 
LED Solution Provider

Light colour	RED	GREEN	BLUE	WARM white	NATURAL white	COOL white
Colour Temperature / Dominant Wavelength Range	619 - 624 nm	520 - 535 nm	460 - 475 nm	3000 - 3700 K	3700 - 4500 K	5500 - 6500 K
Effective Lumen Output*	14 lm	30 lm	8 lm	30 lm	30 lm	30 lm
Viewing Angle [FWHM]	38°, 56°					
Constant Current	max 150 mA					
Power Consumption	max 0.5W per channel					
Operating Temperature	-20°C ÷ +55°C					
Dimensions	Ø40 mm					
IP Rating	IP68					
Lifetime**	≥ 60 000 h					

* 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

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

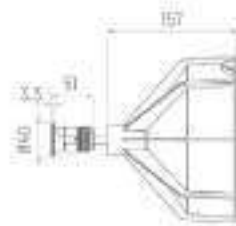
- parks
- gardens
- squares
- premises
- plants
- exterior walls

NIVISS GROUND
MICRO
RGBW

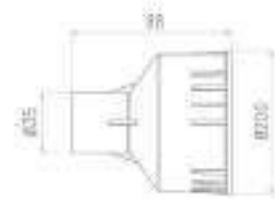


ACCESSORIES

Ground Micro ABS-1



Ground Micro ABS-2



38 - 38 degrees

56 - 56 degrees

SS - steel front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D M I C R O - 2 - R G B W - 3 8 - S Q - S S - C C

FAMILY

COLOUR VERSION

FRONT PLATE

TYPE OF POWER SUPPLY

RGBW - RGB + warm white

SQ - square

CC - Constant Current (max 150 mA per channel)

RGBN - RGB + neutral white

RD - round

RGBC - RGB + cool white

I RGB-W 09.2




NIVISS GROUND STANDARD RGB



- based on CREE® LEDs
- 12/24V DC
- power: 2W per channel
- IP68
- round or square front
- RGB
- made of 316L steel, also available with an aluminium body
- 5-year warranty



CREE 
LED Solution Provider

	RED	GREEN	BLUE
Light colour			
Effective Lumen*	57 lm	102 lm	62 lm
Viewing Angle [FWHM]	30°, 50°		
Input Voltage	12V/24V DC		
Power Consumption	2W per channel		
Operating Temperature	-20°C ÷ +55°C		
Dimensions	Ø96 mm		
IP Rating	IP68		
Lifetime**	≥ 65 000 h		

* 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

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

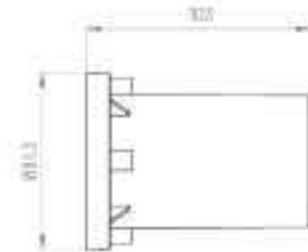
- parks
- gardens
- squares
- premises
- plants
- exterior walls

NIVISS GROUND STANDARD RGB

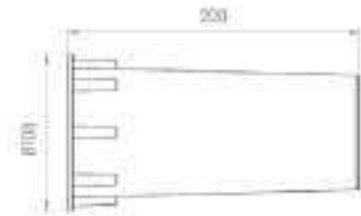


ACCESSORIES

Ground Standard ABS-1



Ground Standard ABS-2



ORDER CODE FORMAT

POWER

30 - 30 degrees
50 - 50 degrees

FWHM ANGLE

SA - steel front and aluminium body
SS - steel front and body

MATERIAL OF THE FRONT / BODY

I G R O U N D S T A N D A R D - 6 - R G B - 3 0 - S Q - S S - L V

FAMILY

COLOUR VERSION

FRONT PLATE

SQ - square
RD - round

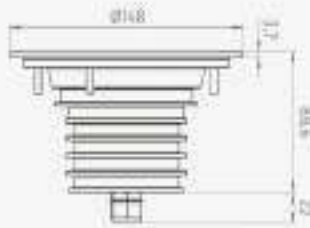
TYPE OF POWER SUPPLY

LV - 12V/24V DC
CC - Constant Current (max 700 mA per channel) on request

I RGB-W 09.3

NIVISS GROUND MEDIUM RGBW

- based on CREE® LEDs
- 12/24V DC
- power: 6W per channel
- IP68
- round or square front
- RGBW
- made of 316L steel, also available with an aluminium body
- 5-year warranty



Light colour	RED	GREEN	BLUE	WARM white	NATURAL white	COOL white
Colour Temperature / Dominant Wavelength Range	620 - 630 nm	520 - 535 nm	465 - 485 nm	2700 K	4000 K	5000 K
Effective Lumen Output*	265 lm	370 lm	175 lm	600 lm	680 lm	680 lm
Viewing Angle [FWHM]	15°, 30°					
Input Voltage	12V/24V DC					
Power Consumption	max 6W per channel					
Operating Temperature	-20°C ÷ +55°C					
Dimensions	Ø148 mm					
IP Rating	IP68					
Lifetime**	≥ 65 000 h					

* 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

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

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

NIVISS GROUND
MEDIUM
RGBW



ACCESSORIES

Ground Medium ABS-1



ORDER CODE FORMAT

POWER

15 - 15 degrees
30 - 30 degrees

FWHM ANGLE

SA - steel front and aluminium body
SS - steel front and body

MATERIAL OF THE FRONT / BODY

I G R O U N D M E D I U M - 2 4 - R G B W - 1 5 - S Q - S A - L V

FAMILY

COLOUR VERSION

RGBW - RGB + warm white
RGBN - RGB + neutral white
RGBC - RGB + cool white

FRONT PLATE

SQ - square
RD - round

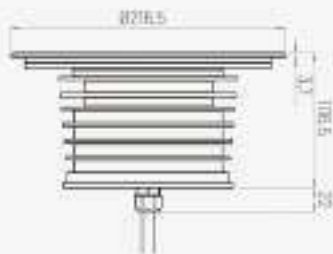
TYPE OF POWER SUPPLY

LV - 12V/24V DC
CC - Constant Current (max 700 mA per channel) on request

I RGB-W 09.4

NIVISS GROUND BIG RGBW

- based on CREE® LEDs
- 850 mA per channel
- power: 10W per channel
- IP68
- round or square front
- RGBW
- made of 316L steel, also available with an aluminium body
- 5-year warranty



Light colour	RED	GREEN	BLUE	WARM white	NATURAL white	COOL white
Colour Temperature / Dominant Wavelength Range	620 - 630 nm	520 - 535 nm	465 - 485 nm	2700 - 3500 K	3700 - 5300 K	5000 - 8300 K
Effective Lumen Output*	315 lm	500 lm	245 lm	660 lm	710 lm	810 lm
Viewing Angle [FWHM]	24°, 38°					
Constant Current	850 mA per channel					
Power Consumption	10W per channel					
Operating Temperature	-20°C ÷ +55°C					
Dimensions	Ø216.5 mm					
IP Rating	IP68					
Lifetime**	≥ 65 000 h					

* 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

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

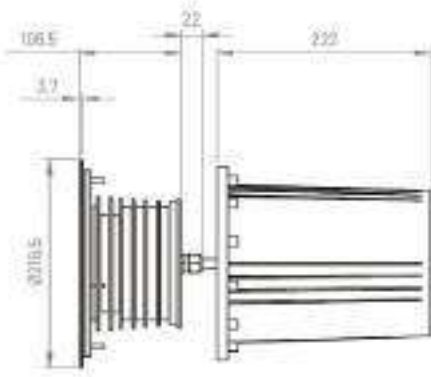
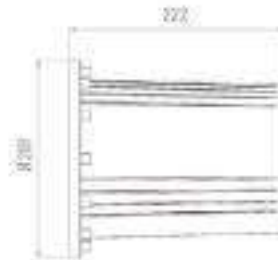
- gardens
- parks
- exterior walls
- squares

NIVISS GROUND
BIG
RGBW



ACCESSORIES

Ground Big ABS-1



24 - 24 degrees

38 - 38 degrees

FWHM ANGLE

SA - steel front and aluminium body

SS - steel front and body

MATERIAL OF THE FRONT / BODY

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I G R O U N D B I G - 4 0 - R G B W - 2 4 - S Q - S A - C C

FAMILY

COLOUR VERSION

FRONT PLATE

TYPE OF POWER SUPPLY

RGBW - RGB + warm white

SQ - square

CC - Constant Current (max 850 mA per channel)

RGBN - RGB + neutral white

RD - round

RGBC - RGB + cool white



10.0

| PRODUCTS

NIVISS POOL SERIES

Owing to the IP68 rating, Niviss Pool fixtures are perfect for use in a water environment.

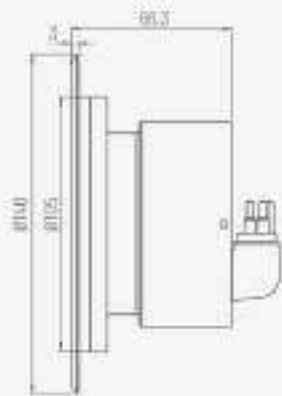
They are made of the top-quality 316L steel. This steel grade offers the best resistance to unfavourable weather conditions. Due to its excellent resistance, the 316L grade is used e.g. in marine applications, which proves its high quality and durability.

When planning a swimming pool investment, it is a good idea to choose reliable fixtures which have a long lifetime regardless of the weather conditions. This can be achieved with Niviss fixtures.

I POOL 10.1



NIVISS POOL MEDIUM TITANIUM

- based on CREE® LEDs
- 12-24V DC
- power: 18W
- IP68
- made of 316Ti steel
- underwater connection (available on request)
- 5-year warranty



CREE 
LED Solution Provider



	NATURAL white	COOL white
Light colour		
Colour Temperature*	4000 K	5700 K
Effective Lumen Output**	1900 lm	2050 lm
CRI	≥ 80 (≥ 90 on request)	
Input Voltage	12V/24V DC	
Power Consumption	18 W	
Operating Temperature	-20°C ÷ +55°C	
Dimensions	140 x 66,3 mm	
IP Rating	IP68	
Lifetime***	≥ 60 000 h	

* Other CRI, 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

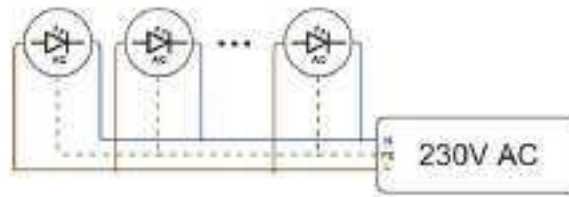
The Niviss Pool Medium Titanium fixture can be used for lighting many places and objects such as:

- pools
- gardens
- fountains
- squares
- canals
- ponds

NIVISS
MEDIUM
TITANIUM



ELECTRICAL INSTALLATION



ORDER CODE FORMAT

POWER

10 - 10 degrees
20 - 20 degrees

FWHM ANGLE

TS - 316Ti

MATERIAL OF THE FRONT / BODY

I P O O L M E D I U M - 1 8 - N W - 1 0 - R D - T S - L V

FAMILY

CCT
NW - 4000K
CW - 5700K

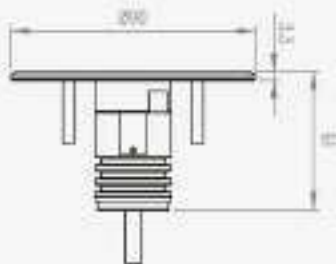
FRONT PLATE
RD - round

SUPPLY VOLTAGE
LV - 12V/24V DC

I POOL 10.2

NIVISS POOL MICRO LED

- based on CREE® LEDs
- 12-24V DC
- power: 2W (on request: 3W)
- IP68
- made of 316L steel
- 5-year warranty



Light colour	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	140 lm	150 lm	180 lm	195 lm	205 lm
CRI	≥ 80				
Viewing Angle [FWHM]	17°, 37°, 39°				
Input Voltage	12V/24V DC				
Power Consumption	2W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø90 mm				
IP Rating	IP68				
Lifetime***	≥ 60 000 h				

* Other CRI, 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

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

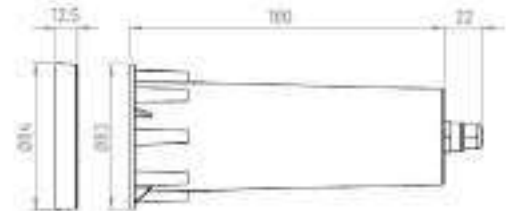
- swimming pools
- saunas
- fountains
- gardens
- plants

NIVISS POOL
MICRO
LED



ACCESSORIES

Pool Micro ABS
(basket with ring)



17 - 17 degrees
31 - 39 degrees
39 - 39 degrees

SS - steel front and body

ORDER CODE FORMAT

POWER

FWHM ANGLE

MATERIAL OF THE FRONT / BODY

I P O O L M I C R O - 2 - V W - 1 7 - R D - S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K
VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

RD - round

LV - 12V/24V DC

I POOL 10.3

NIVISS STANDARD SLIM LED

- based on CREE® LEDs
- 12-24V DC
- power: 6W
- IP68
- made of 316L steel, also available with an aluminium body
- 5-year warranty



Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	150 lm	180 lm	195 lm	205 lm
CRI	≥ 80	≥ 80	≥ 73	≥ 68
Viewing Angle [FWHM]	14°, 25°, 32°, 38°			
Input Voltage	12V/24V DC			
Power Consumption	6W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø92 mm x H37,3 mm			
IP Rating	IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, 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

The Niviss Standard Slim fixture can be used for lighting many places and objects such as:

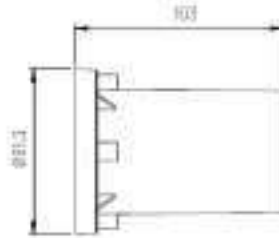
- parks
- gardens
- terraces
- cycle lanes
- squares
- premises
- plants

NIVISS
STANDARD
SLIM LED



ACCESSORIES

Ground Standard ABS-1



ORDER CODE FORMAT

POWER

14 - 14 degrees
25 - 25 degrees
32 - 32 degrees
38 - 38 degrees

FWHM ANGLE

SA - steel front and aluminium body
SS - steel front and body

MATERIAL OF THE FRONT / BODY

I G R O U N D S T A N D A R D S L I M - 6 - W W - 2 5 - R D - S S - L V

FAMILY

CCT
VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

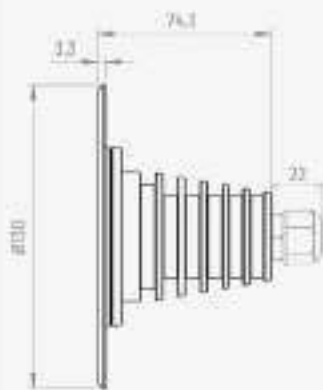
FRONT PLATE
RD - round

SUPPLY VOLTAGE
LV - 12V/24V DC

I POOL 10.4

NIVISS POOL STANDARD LED

- based on CREE® LEDs
- 12-24V DC
- power: 6W
- IP68
- made of 316L steel
- 5-year warranty



	AMBER white	COMFORT white	WARM white	NATURAL white	COOL white
Light colour	●	●	●	●	●
Colour Temperature*	2200 ± 150 K	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	400 lm	535 lm	535 lm	570 lm	610 lm
CRI	≥ 80				
Viewing Angle [FWHM]	30°, 50°				
Input Voltage	12V/24V DC				
Power Consumption	6W				
Operating Temperature	-20°C ÷ +55°C				
Dimensions	Ø130 mm				
IP Rating	IP68				
Lifetime***	≥ 60 000 h				

* Other CRI, 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

The Niviss Pool Standard fixture can be used for lighting many places and objects such as:

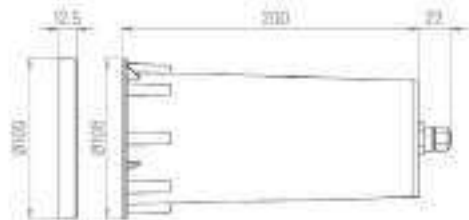
- swimming pools
- fountains
- gardens
- squares
- premises
- plants

NIVISS POOL
STANDARD
LED



ACCESSORIES

Pool Standard ABS
(basket with ring)



ORDER CODE FORMAT

POWER

30 - 30 degrees

50 - 50 degrees

FWHM ANGLE

SS - steel front and body

MATERIAL OF THE FRONT / BODY

I P O O L S T A N D A R D - 6 - V W - 3 0 - R D - S S - L V

FAMILY

CCT

FRONT PLATE

SUPPLY VOLTAGE

AW - 2200K

RD - round

LV - 12V/24V DC

VW - 2700K

WW - 3000K

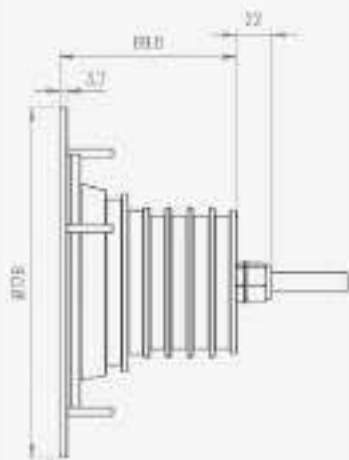
NW - 4000K

CW - 5000K

I POOL
10.5

NIVISS POOL MEDIUM LED

- based on CREE® LEDs
- 12-24V DC
- power: 18W
- IP68
- made of 316L steel
- 5-year warranty



CREE 
LED Solution Provider



Light colour	COMFORT white	WARM white	NATURAL white	COOL white
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1450 lm	1550 lm	1650 lm	1770 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50°			
Input Voltage	12V/24V DC			
Power Consumption	18W			
Operating Temperature	-20°C ÷ +55°C			
Dimensions	Ø178 mm			
IP Rating	IP68			
Lifetime***	≥ 60 000 h			

* Other CRI, CCTs and colours available on request.

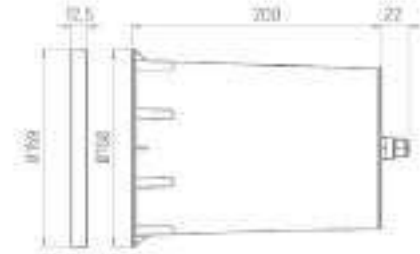
** Source performance in real-life conditions at Ta=25°C; includes optical losses; the tolerance of source lumen output is 10%.

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

The Niviss Pool Medium fixture can be used for lighting many places and objects such as:

- swimming pools
- fountains
- gardens
- squares

NIVISS POOL MEDIUM LED



ACCESSORIES

Pool Medium ABS
(basket with ring)

ORDER CODE FORMAT

POWER

25 - 25 degrees
50 - 50 degrees

FWHM ANGLE

SS - steel front and body

MATERIAL OF THE FRONT / BODY

I P O O L M E D I U M - 1 8 - V W - 2 5 - R D - S S - L V

FAMILY

CCT

VW - 2700K
WW - 3000K
NW - 4000K
CW - 5000K

FRONT PLATE

RD - round

SUPPLY VOLTAGE

LV - 12V/24V DC

| CONTACT

NIVISS

LESZEK ŁOSIN SP. J.



Rdestowa 53D
81-577 Gdynia
Poland
VAT ID PL9581659566

tel: +48 58 781 33 99

info@niviss.com

www.niviss.com

www.nivissground.com

