












INTRODUCTION
SAVE ENERGY WITH NIVISS nFloor2

NIVISS nFloor2 is an advanced, energy-efficient and environmentally friendly spotlight for outdoor applications, which can also be used in indoor applications. It is based on LED technology of one of the leaders of the LED solutions - American company Cree[®].

-  XLamp[®] XP-E2 Cree[®] LEDs
-  12-24V DC Input Voltage
-  1W, 2W available
-  IP68 up to 5m
-  Marine grade SS316L Stainless steel
-  High efficiency
-  Environmentally friendly
-  Long Lifetime
-  Energy Saving LED
-  Modern Design

FEATURES
RoHS
COMPLIANT

CE

Energy


IP68
APPLICATIONS

NIVISS nFloor2 can be widely used in different type of outdoor decorative applications as highlighting architectural objects:

-  Walkways lighting
-  Cycle paths lighting
-  Driveway lighting
-  Accent lighting
-  Monument lighting
-  Pool lighting

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CREE 
 ▶ LED Solution Provider

SPECIFICATION

1W Version

Color*	Comfort White	Warm White	Neutral White	Cool White
Color Temperature	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Lumen Output**	65 lm	70 lm	80lm	95 lm
CRI	≥80		≥78	≥68
LED Working Current	300 mA			
Input Voltage	12-25V DC			
Wattage	1W			
Number of LEDs	1			
Led Family	XLamp® XP-E2 Cree® LEDs			
Operating temperature	-20°C + +55°C			
Dimensions	Φ50mm x 55,25mm (without box)			
Ingres Protection	IP68 (up to 5m)			
Working Load	280 kg			
IK Protection Class	IK 08			
Appliance class	Class III			
Viewing Angle [FWHM]	14°, 31°, 50°			
Dimmable	NO			
Lifetime ***	≥ 38900			
Connection cable	H07N – ground version; SIH – pool version			

* Other colors on request

** Source performance in real-life conditions at ambient temperature of 25°C; includes optical losses, tolerance of source Lumen Output – 5%

*** Approximate lifetime of LEDs as declared by the manufacturer [Cree®](#) and other electronic components

2W Version

Color*	Comfort White	Warm White	Neutral White	Cool White
Color Temperature	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Lumen Output**	105 lm	115 m	128 lm	135 lm
CRI	≥80		≥78	≥68
LED Working Current	580 mA			
Input Voltage	12-25V DC			
Wattage	2W			
Number of LEDs	1			
Led Family	XLamp® XP-E2 Cree® LEDs			
Operating temperature	-20°C + +55°C			
Dimensions	Φ50mm x 55,25mm (without box)			
Ingres Protection	IP68 (up to 5m)			
Working Load	280 kg			
IK Protection Class	IK 08			
Appliance class	Class III			
Viewing Angle [FWHM]	14°, 31°, 50°			
Dimmable	NO			
Lifetime ***	≥ 38900			
Connection cable	H07N – ground version; SIH – pool version			

* Other colors on request

** Source performance in real-life conditions at ambient temperature of 25°C; includes optical losses, tolerance of source Lumen Output - 5%

*** Approximate lifetime of LEDs as declared by the manufacturer [Cree®](#) and other electronic components

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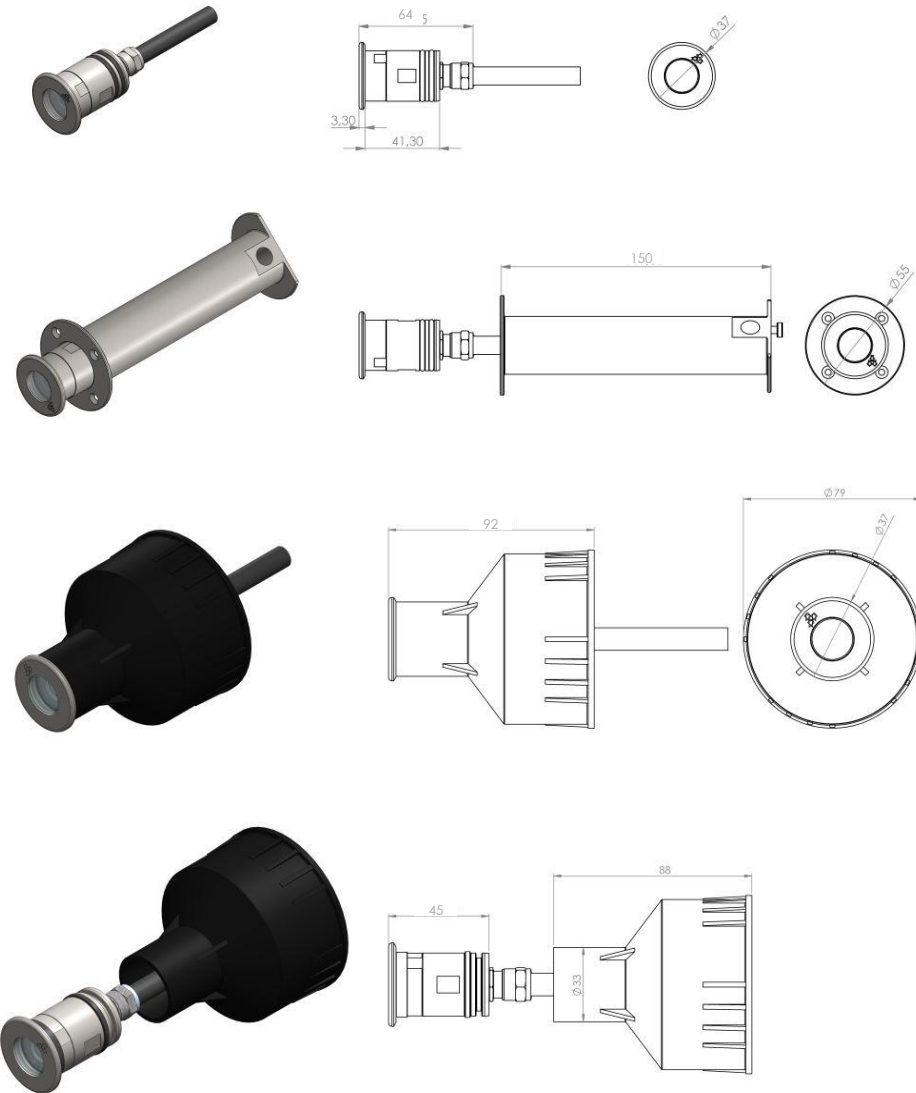
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DIMENSIONS [mm]



ORDERING CODE

Index	Power	Description
NFLOOR2-PO-CV-1W-VWxxS	1 W	Comfort White (2700 K), Inground version
NFLOOR2-PO-CV-1W-WWxxS	1 W	Warm White (3000 K), Inground version
NFLOOR2-PO-CV-1W-NWxxS	1 W	Neutral White (4000 K), Inground version
NFLOOR2-PO-CV-1W-CWxxS	1 W	Cool White (5000 K), Inground version
NFLOOR2-PO-CV-1W-VWxxS-P	1 W	Comfort White (2700 K), Pool version
NFLOOR2-PO-CV-1W-WWxxS-P	1 W	Warm White (3000 K), Pool version
NFLOOR2-PO-CV-1W-NWxxS-P	1 W	Neutral White (4000 K), Pool version
NFLOOR2-PO-CV-1W-CWxxS-P	1 W	Cool White (5000 K), Pool version
NFLOOR2-PO-CV-2W-VWxxS	2 W	Comfort White (2700 K), Inground version
NFLOOR2-PO-CV-2W-WWxxS	2 W	Warm White (3000 K), Inground version
NFLOOR2-PO-CV-2W-NWxxS	2 W	Neutral White (4000 K), Inground version
NFLOOR2-PO-CV-2W-CWxxS	2 W	Cool White (5000 K), Inground version
NFLOOR2-PO-CV-2W-VWxxS-P	2 W	Comfort White (2700 K), Pool version
NFLOOR2-PO-CV-2W-WWxxS-P	2 W	Warm White (3000 K), Pool version
NFLOOR2-PO-CV-2W-NWxxS-P	2 W	Neutral White (4000 K), Pool version
NFLOOR2-PO-CV-2W-CWxxS-P	2 W	Cool White (5000 K), Pool version

* xx- means lens angle (14 for 14°, 31 for 31°, 50 for 50°)

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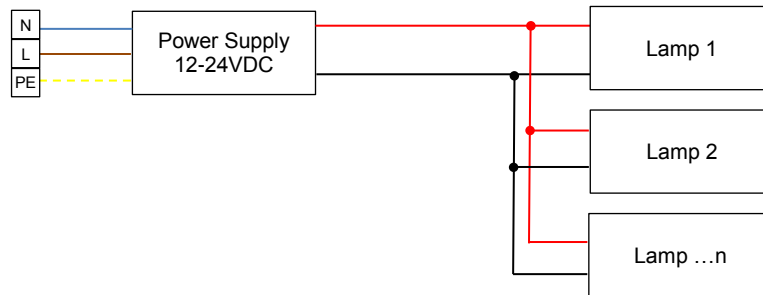
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ELECTRICAL INSTALLATION



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.

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