



## INTRODUCTION MADE IN EUROPEAN UNION

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.

- Based on CREE® LEDs
- 230V AC / 12-24V on request
- Made of 316L steel
- Power: 20W / 18W
- IP67 / IP68
- 5-year warranty
- Round or square front
- Also available with an aluminum body

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

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

# Ground Medium LED

**AGABEKOV**  
LIGHTING COMPANY INTERNATIONAL

Ground series

## SPECIFICATION

LIGHT COLOUR	COMFORT WHITE	WARM WHITE	NEUTRAL WHITE	COOL WHITE
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	1450 lm	1450 lm	1650 lm	1650 lm
CRI	≥ 80			
Viewing Angle [FWHM]	25°, 50°			
Input Voltage	230V AC 50Hz / 12V/24V DC			
Power Consumption	20W / 18W			
Operating Temperature	-20°C + +55°C			
Dimensions	Ø148mm			
Cable Type	H07RN-F 3G1 / 2X1.5			
Cable Length	0.5m			
IP Rating	IP67 / IP68			
Lifetime***	≥ 60 000 h			

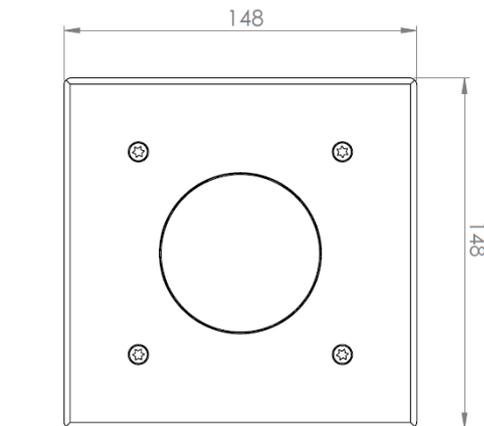
\* Other CCTs and colours available on request.

\*\* Source performance in real-life conditions at Ta=25°C; includes optical losses; the tolerance of source lumen output is 5%.

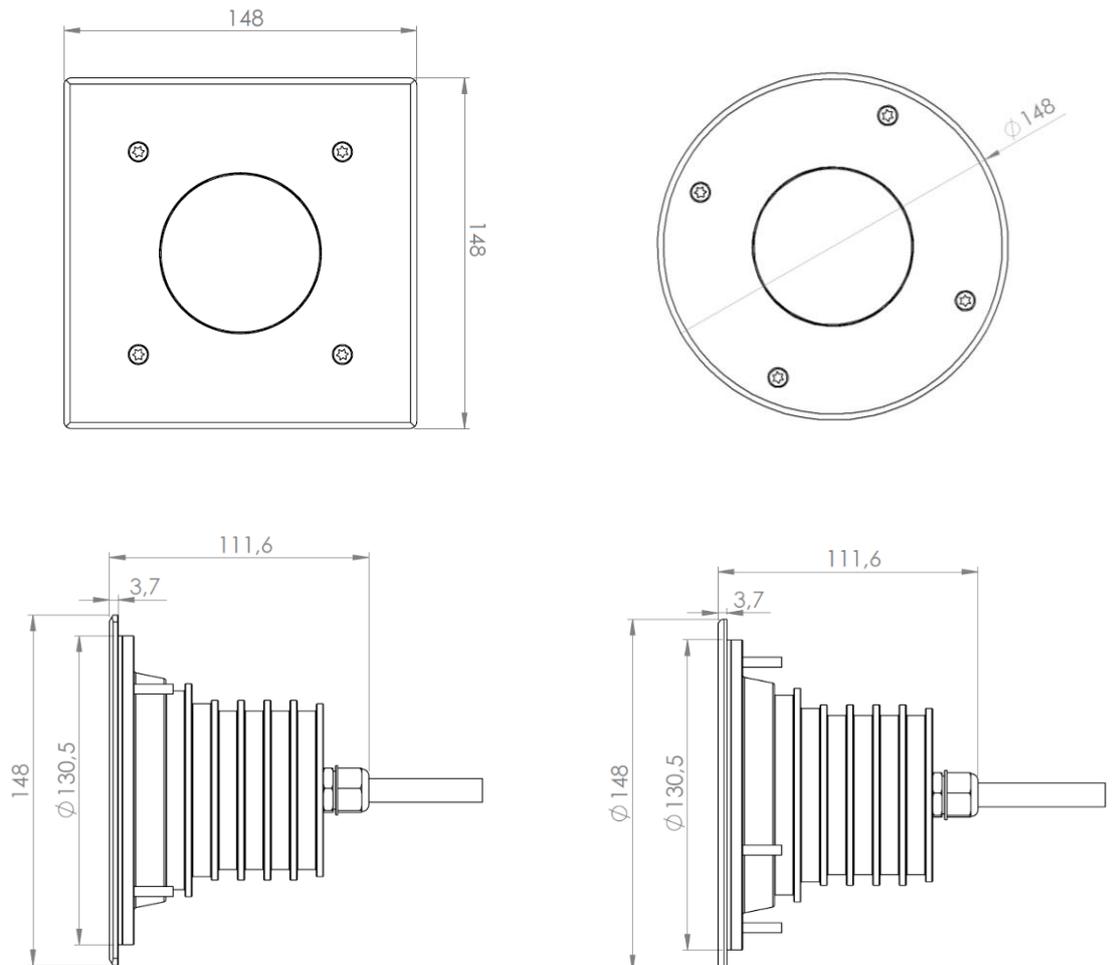
\*\*\* Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 90% of initial light output) and other electronic components

## DIMENSIONS [mm]

SQUARE FRONT



ROUND FRONT



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MANUFACTURE & BUREAU D'ÉTUDES  
6, ROUTE DE COMPOIS CH-1222 VÉSENAZ  
GENÈVE - SWITZERLAND



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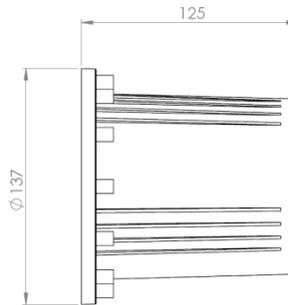
# Ground Medium LED



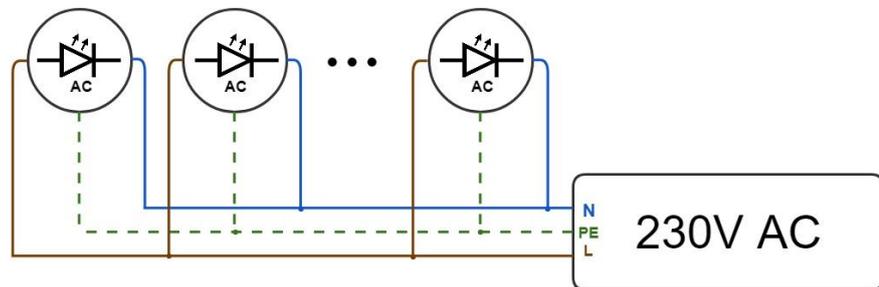
Ground series

## ACCESSORIES

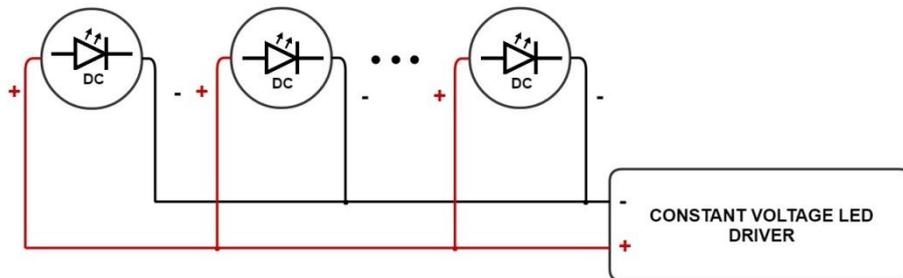
### GROUND-MEDIUM-ABS



## ELECTRICAL INSTALLATION



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



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

## ORDER CODE FORMAT

LV - 18 W  
HV - 20 W  
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

**GROUND MEDIUM - 20 - VW - 25 - SQ - SA - LV**

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, 50Hz

## 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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## INTRODUCTION A589 B9I FCD95B1 BCB

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.

- Based on CREE® LEDs
- 230V AC / 12-24V on request
- Made of 316L steel
- Power: 33W
- IP67 / IP68
- 5-year warranty
- Round or square front
- Also available with an aluminium body

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

- gardens
- parks
- exterior walls
- squares

# Ground BIG LED

**AGABEKOV**  
LIGHTING COMPANY INTERNATIONAL

Ground series

## SPECIFICATION

LIGHT COLOUR	COMFORT WHITE	WARM WHITE	NEUTRAL WHITE	COOL WHITE
Colour Temperature*	2700 ± 150 K	3000 ± 150 K	4000 ± 250 K	5000 ± 250 K
Effective Lumen Output**	3450 lm	3600 lm	3800 lm	3900 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	Ø216,5mm			
Cable Type	H07RN-F 3G1 / 2X1.5			
Cable Length	0.5m			
IP Rating	IP67 / IP68			
Lifetime****	≥ 55 000 h			

\* Other CCTs and colours available on request.

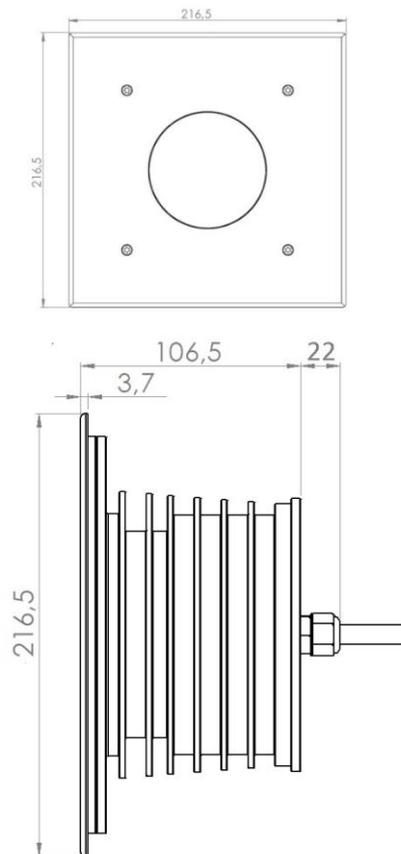
\*\* Source performance in real-life conditions at Ta=25°C; includes optical losses; the tolerance of source lumen output is 5%.

\*\*\* Possible power consumption in the aluminium version is 45W (on request).

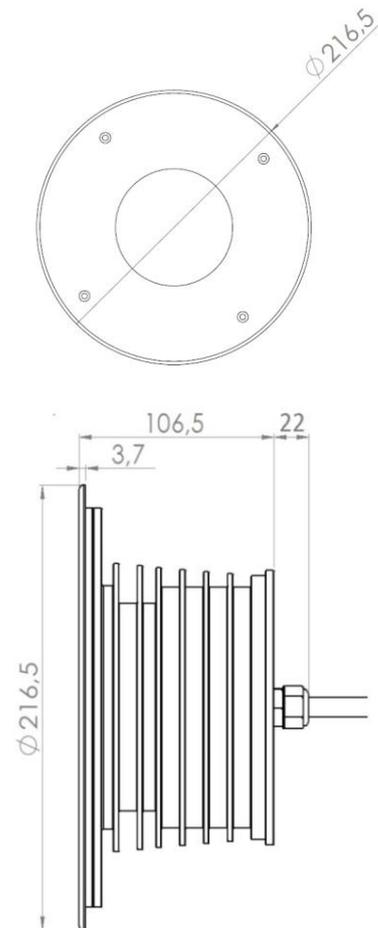
\*\*\*\* Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 90% of initial light output) and other electronic components.

## DIMENSIONS [mm]

### SQUARE FRONT



### ROUND FRONT



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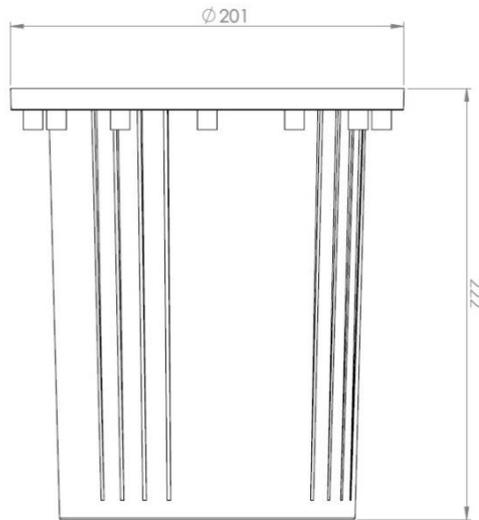


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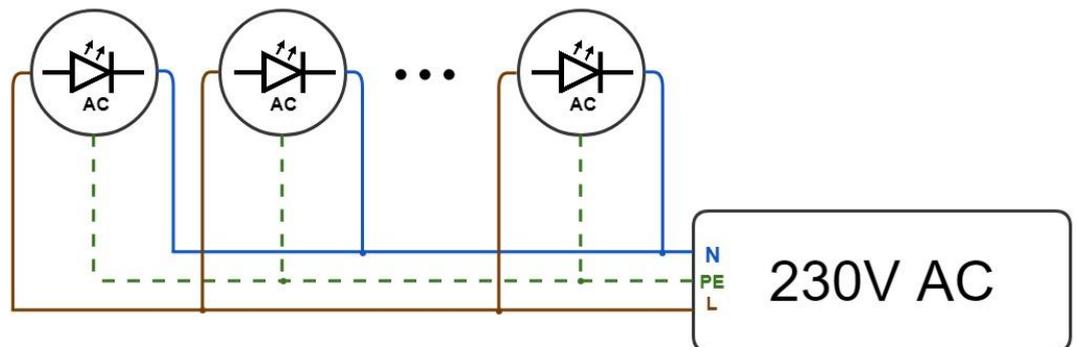


ACCESSORIES

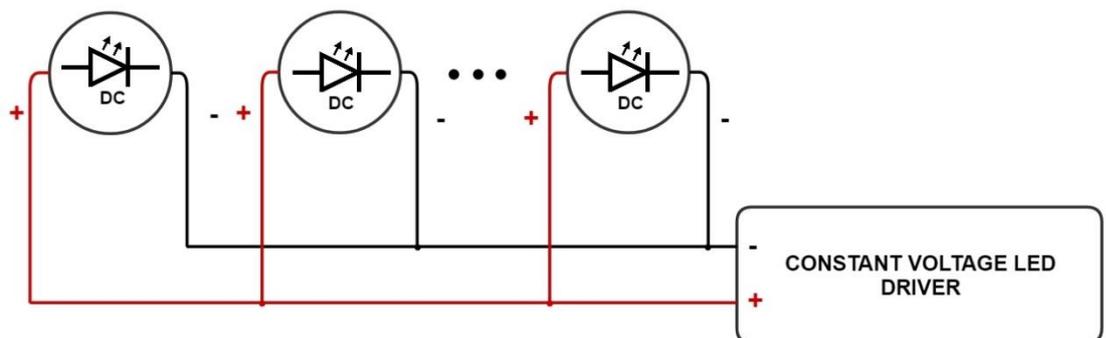
GROUND-BIG-ABS



ELECTRICAL INSTALLATION



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



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

# Ground BIG LED



Ground series

## ORDER CODE FORMAT

	<u>LV – 30 W</u> <u>HV – 33 W</u> <u>POWER</u>	<u>25 - 25 degrees</u> <u>38 - 38 degrees</u> <u>FWHM ANGLE</u>	<u>SA - Steel front and aluminium body</u> <u>SS - Steel front and body</u> <u>MATERIAL OF THE FRONT / BODY</u>
<b>GROUND BIG - 33 - VW - 25 - SQ - SA - LV</b>			
<u>FAMILY</u>	<u>CCT</u> VW - 2700K WW - 3000K NW - 4000K CW - 5000K	<u>FRONT PLATE</u> SQ - Square RD - Round	<u>SUPPLY VOLTAGE</u> LV - 12V/24V DC HV - 230V AC, 50Hz

## 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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