

KLEOS 180 12W +SPRINGS

CATEGORY

DOWNLIGHT



GENERAL FEATURES

IP Protection grade	IP66
Installation on	CEILING
Dimensions	Ø 180 mm
Recess	35 mm
Mounting hole	Ø 132mm
Weight	520 gr
Fixing system	SPRINGS
Orientable	No
Flexible	No
Switch	No

MATERIALS

BEZEL	AISI 316L STAINLESS STEEL
BODY	POLYCARBONATE
DIFFUSER	GLASS

ELECTRICAL SPECIFICATIONS




TYPE OF POWER	Constant Voltage		
Light source	50 HIGH LUMINOSITY LED		
Light Type	Bicolor		
Power supply	20-30VDC / NEG COM		
Power consumption	12 W	Secondary light power	4W
Absorption	0,5A @ 24V		
Dimmable / Recommended dimmer	Yes / FASP094CA2A3D00 HDIM300 D00	Dimmer mode	PWM

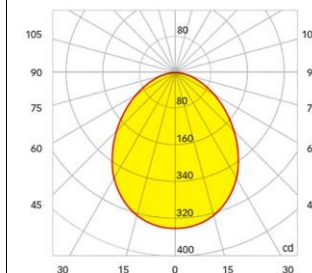
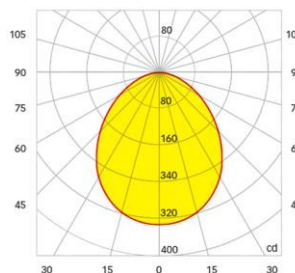
PHOTOMETRIC DATA

Color Temperature

BEAM ANGLE: 95	WARM WHITE (2900-3100 °K)	DAY LIGHT (3800-4100 °K)	COOL WHITE (5500-6500 °K)
CRI	90	90	
Luminous flux	795 lm	810 lm	
Luminous efficacy	66 lm/W	68 lm/W	
Ø at 1 m	2,15 m	333,3 lux	343,8 lux
Ø at 2 m	4,31 m	83,3 lux	85,9 lux
Ø at 3 m	6,46 m	37 lux	38,2 lux

Available light colours

-  WW  WHITE-BLUE
-  CW  WHITE-RED
-  DL



CERTIFICATIONS



CATEGORY

DOWNLIGHT

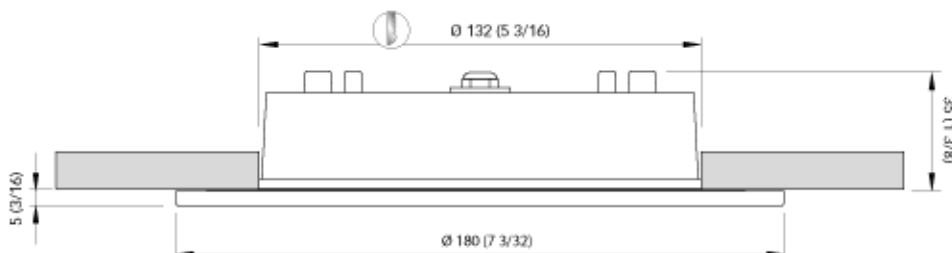
SPECIFICATION FOR THE CONNECTION OF INDIVIDUAL UNIT

Dimensions - mm (inches)

POWER: 12 W

POWER SUPPLY: 20-30VDC / NEG COM

OPERATING VOLTAGE



CONNECTION INFORMATION

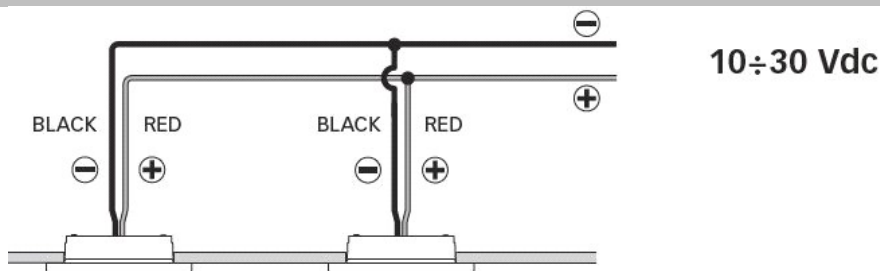
WARNINGS

Use the unit in ultra-low voltage (SELV) with a LED power supply with **CONSTANT VOLTAGE OUTPUT**.

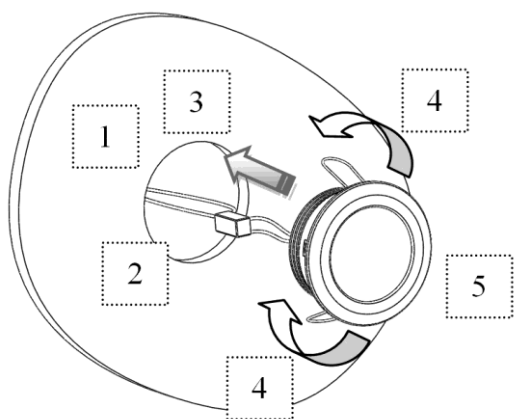
Do not plug the unit directly into the wall socket (AC).

GENERAL INFORMATION TO CONNECT MORE THAN ONE DEVICE

This product can be connected in parallel with LED power supply with **CONSTANT VOLTAGE OUTPUT**.



INSTRUCTIONS FOR ASSEMBLY



1. Drill hole or recessed for the product of the amount indicated in the table.
2. In the panel or wall in which you apply the light source must be present the wires from the power supply.
3. Electrical connection: the positive is the red cable, the negative is the black cable.
4. Position the springs as shown in the figure to facilitate the entry of the product into the hole.
5. Insert the light body within the hole by turning it in the desired position.