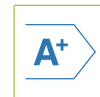




# GROOVE

## APPLICATIONS

The Groove linear element was primarily designed to answer the more practical needs of lighting using wall washers. Its modularity makes it a unique light. With the smallest module being just 10 cm and the possibility of production in increments of just 5cm, this fixture is indispensable for discerning architects who can thus create truly made-to-measure lighting solutions. The mounting system with hidden supports or adjustable bracket, its clean design and sharp lines ensure that its installation in situations such as in grooves and longitudinal cuts in the ceiling is perfectly integrated. Through the careful use of secondary optics, Groove produces a variety of luminous effects and becomes a very versatile product that can easily be used in many situations, even for the general lighting of rooms.



## FEATURES

Extremely customizable (smallest module L=10 cm, increments of 5 cm)

Rapid connection in a row

High efficiency (>120 lm/W)

ANSI compliant binning, 2 step MacAdams ellipse for each individual lot

Excellent lumen maintenance and colour stability over time

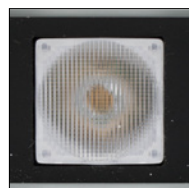
Extensive dimming - fully dimmable, even with PWM input signal

IP20 protection rating

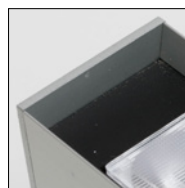
Highly efficient secondary optics

Long life and low maintenance costs

Ecological, no disposal restrictions



Lens



Minimal design

## SPECIFICATIONS

### Performance

LED type	High power
LED nr. and model	From 2 led to 36 led x CREE XP-E o XP-G
Total lumen output (at 85°C)	Up to 7100 lm
Colour temperature	2800 - 3000 - 4000 - 5500 K
Binning	2 step ellipse MacAdam
CRI	>90 (2700 - 3000 K), >80 (4000 - 5500 K)
Other colours	On request

### Electrical

Supply type	Costant voltage
Supply value	24 Vdc
Maximum power consumption	Up to 90 W
Connection	2 poles Minifit connector

### Phisical

Body material	Aluminium
Body finish	Anodizazing
Optic material	PMMA
Optic type	TIR
Screen material	n.a.
Dissipation	Passive
Protection rating	IP20
Class	III
Weight	2 Kg/m
Dimensions	See technical drawing
Operating temperature range	-25 / +70 °C
MTBF (LM80)	50.000 hrs
Mounting	Surface with accessories

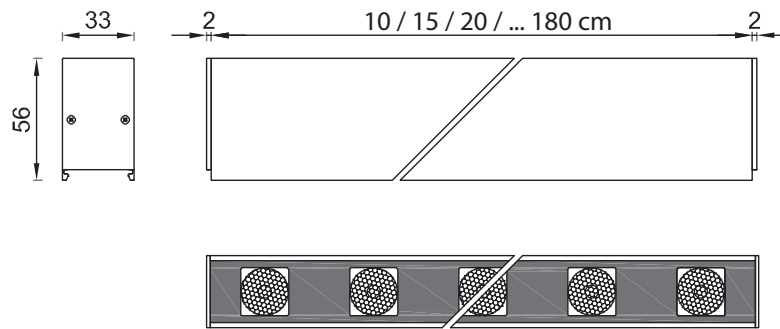
## HOW TO ORDER

Model ▼	LED nr. ▼	Optic ▼	Lenght ▼	Colour ▼
GRV	□□	□□□	□□□	□□□
GRV Groove	02/36 From 2 to 36	008 8° 013 13° 030 30° 047 47° 066 66° x40 13°x40°	010 10 cm 015 15 cm 020 20 cm ... .. 180 180 cm	WW2 Warm white 2800K WW3 Warm white 3200K NW4 Neutral white 4200K CW5 Cold white 5500K RGB RGB

Order code example: **GRV-06008030WW3**

Note: not all combinations of technical features are possible, check with our technical office at the e-mail address [tecnico@futuroluce.it](mailto:tecnico@futuroluce.it)

TECHNICAL DRAWING



ACCESSORIES

**Cables**

2 poles feeding cable L=2 m	<a href="#">CMP00516</a>
4 poles feeding cable L=2 m	<a href="#">CMP00517</a>
5 poles feeding cable L=2 m	<a href="#">CMP00518</a>
2 poles feeding cable L=5 m	<a href="#">CMP00519</a>
4 poles feeding cable L=5 m	<a href="#">CMP00520</a>
5 poles feeding cable L=5 m	<a href="#">CMP00521</a>

**Frames**

Recessed mounting frame L=300 mm	<a href="#">TRN00329</a>
Recessed mounting frame L=600 mm	<a href="#">TRN00330</a>
Recessed mounting frame L=900 mm	<a href="#">TRN00331</a>
Recessed mounting frame L=1200 mm	<a href="#">TRN00332</a>
Recessed mounting frame L=1500 mm	<a href="#">TRN00333</a>
Recessed mounting frame L=1800 mm	<a href="#">TRN00334</a>
End cap set for recessed frame (2 pcs.)	<a href="#">TRN00335</a>

**Mounting kit**

Ceiling mounting kit (2 pcs.)	<a href="#">CMP00522</a>
Adjustable holder kit (2 pcs.)	<a href="#">CMP00525</a>
Retining magnet kit (2 pcs.)	<a href="#">CMP00526</a>
Linear joint (1pc.)	<a href="#">CMP00527</a>
Suspension kit with 2x1mm cables L=1,5 m	<a href="#">CMP01001</a>
Suspension kit with 2x1mm cables L=4 m	<a href="#">CMP01024</a>