



DESCRIPTION

Shield in plastic material that integrates the secondary optics. Installation by means of retractable supports with spring or magnet, or adjustable bracket. Electrical connection even in a continuous strip with polarized connector. High power LED module on printed circuit board with metal base. Electronic components, dimmable with external dimmer or PWM signal. Highly efficient secondary lens.

IP20 protection rating: protection against solid particles of dimensions greater than 12mm and not protected against liquids.

APPLICATIONS

The Groove lighting bar was primarily designed to answer the more practical needs of lighting using wall washers, and 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 minimal design and sharp lines ensure that its installation in situations such as in grooves and longitudinal cuts in the ceiling is effective.

Through the careful use of secondary optics, it becomes a very versatile product that can easily be used in many situations, even for the general lighting of rooms when the diffused light version is chosen. The elegance of the product means that it can be installed in full view, but the vast range of accessories available means it can also be recessed.

TECHNICAL SPECIFICATIONS

No and Type of LED	from 2led/10cm to 36led/180cm
Power supply	24Vdc
Body material	anticorodal anodized aluminium
Electrical connection	Minifit connector
Cooling	passive
Installation	any position
Protection rating	IP20
Class	III
Weight	3,0Kg
Dimensions	3,3cm x h5,6cm x 10/15/20/... 180cm (end caps 0,2cm + 0,2cm)
Maximum power consumption	50W/m
Operating temperature	-40 / +85°C
Average product life	35.000hours

CHARACTERISTICS AND ADVANTAGES

- Smallest module L=10 cm.
- Customization in length in increments of only 5 cm.
- High efficiency (>100 lm/W).
- ANSI compliant binning.
- Excellent lumen maintenance and colour stability.
- Extensive dimming – fully dimmable, even with PWM input signal.
- Highly efficient secondary optics.
- Minimal design.
- Quick connection in a continuous row.
- Long life and reduced maintenance costs.
- Ecological, no disposal restrictions.

OPTICS, COLOUR TEMPERATURE AND RCI

08°	13°	30°	13°x40°
2800K	3200K	4200K	5500K
	OTHER COLOURS ON REQUEST		
RGB			
>90	>85		
CRI	CRI		

OPTICAL SPECIFICATIONS

6 led, 700 mA, 300 mm

GRV-0608030WW2						Typical illuminance (Lux)		
Optics	Code	Color Temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	at 1m	at 2 m	at 3m
08°	GRV-0608030WW2	White 2800 K	1020 lm	100 lm/w	>90	11037 lx	4150 lx	2042 lx
	GRV-0608030WW3	White 3200 K	1080 lm	105 lm/w	>85			
	GRV-0608030NW4	White 4200 K	1140 lm	110 lm/w	>80			
	GRV-0608030CW5	White 5500 K	1320 lm	130 lm/w	>80			
13°	GRV-06013030WW2	White 2800 K	1020 lm	100 lm/w	>90	3120 lx	891 lx	408 lx
	GRV-06013030WW3	White 3200 K	1080 lm	105 lm/w	>85			
	GRV-06013030NW4	White 4200 K	1140 lm	110 lm/w	>80			
	GRV-06013030CW5	White 5500 K	1320 lm	130 lm/w	>80			
30°	GRV-06030030WW2	White 2800 K	1020 lm	100 lm/w	>90	1345 lx	343 lx	154 lx
	GRV-06030030WW3	White 3200 K	1080 lm	105 lm/w	>85			
	GRV-06030030NW4	White 4200 K	1140 lm	110 lm/w	>80			
	GRV-06030030CW5	White 5500 K	1320 lm	130 lm/w	>80			
13°x40°	GRV-06x40030WW2	White 2800 K	1020 lm	100 lm/w	>90	3963 lx	1036 lx	465 lx
	GRV-06x40030WW3	White 3200 K	1080 lm	105 lm/w	>85			
	GRV-06x40030NW4	White 4200 K	1140 lm	110 lm/w	>80			
	GRV-06x40030CW5	White 5500 K	1320 lm	130 lm/w	>80			
Diameter (m)	08°	>>&						

12 led, 350 mA, 300 mm

12 led, 550 mA, 500 mm						Typical illuminance (Lux)		
Optics	Code	Color Temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	at 1m	at 2 m	at 3m
08°	GRV-12008030WW2	White 2800 K	1200 lm	100 lm/w	>90	12620 lx	4741 lx	2335 lx
	GRV-12008030WW3	White 3200 K	1260 lm	105 lm/w	>85			
	GRV-12008030NW4	White 4200 K	1320 lm	110 lm/w	>80	16379 lx	6154 lx	3031 lx
	GRV-12008030CW5	White 5500 K	1560 lm	130 lm/w	>80			
13°	GRV-12013030WW2	White 2800 K	1200 lm	100 lm/w	>90	3567 lx	1019 lx	467 lx
	GRV-12013030WW3	White 3200 K	1260 lm	105 lm/w	>85			
	GRV-12013030NW4	White 4200 K	1320 lm	110 lm/w	>80	4630 lx	1322 lx	606 lx
	GRV-12013030CW5	White 5500 K	1560 lm	130 lm/w	>80			
30°	GRV-12030030WW2	White 2800 K	1200 lm	100 lm/w	>90	1579 lx	396 lx	177 lx
	GRV-12030030WW3	White 3200 K	1260 lm	105 lm/w	>85			
	GRV-12030030NW4	White 4200 K	1320 lm	110 lm/w	>80	2049 lx	514 lx	230 lx
	GRV-12030030CW5	White 5500 K	1560 lm	130 lm/w	>80			
13°x40°	GRV-12x40030WW2	White 2800 K	1200 lm	100 lm/w	>90	4536 lx	1188 lx	533 lx
	GRV-12x40030WW3	White 3200 K	1260 lm	105 lm/w	>85			
	GRV-12x40030NW4	White 4200 K	1320 lm	110 lm/w	>80	5887 lx	1543 lx	691 lx
	GRV-12x40030CW5	White 5500 K	1560 lm	130 lm/w	>80			
Diameter (m)	08°	> >						

12 led, 700 mA, 600 mm

12 LED, 700 mA, 500 mm						Typical illuminance (Lux)		
Optics	Code	Color Temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	at 1m	at 2m	at 3m
08°	GRV-12008060WW2	White 2800 K	2040 lm	100 lm/w	>90	13341 lx	6274 lx	3684 lx
	GRV-12008060WW3	White 3200 K	2160 lm	105 lm/w	>85			
	GRV-12008060NW4	White 4200 K	2280 lm	110 lm/w	>80			
	GRV-12008060CW5	White 5500 K	2640 lm	130 lm/w	>80			
13°	GRV-12013060WW2	White 2800 K	2040 lm	100 lm/w	>90	5062 lx	1768 lx	864 lx
	GRV-12013060WW3	White 3200 K	2160 lm	105 lm/w	>85			
	GRV-12013060NW4	White 4200 K	2280 lm	110 lm/w	>80			
	GRV-12013060CW5	White 5500 K	2640 lm	130 lm/w	>80			
30°	GRV-12030060WW2	White 2800 K	2040 lm	100 lm/w	>90	2876 lx	760 lx	342 lx
	GRV-12030060WW3	White 3200 K	2160 lm	105 lm/w	>85			
	GRV-12030060NW4	White 4200 K	2280 lm	110 lm/w	>80			
	GRV-12030060CW5	White 5500 K	2640 lm	130 lm/w	>80			
13°x40°	GRV-12x40060WW2	White 2800 K	2040 lm	100 lm/w	>90	7707 lx	2244 lx	1034 lx
	GRV-12x40060WW3	White 3200 K	2160 lm	105 lm/w	>85			
	GRV-12x40060NW4	White 4200 K	2280 lm	110 lm/w	>80			
	GRV-12x40060CW5	White 5500 K	2640 lm	130 lm/w	>80			
Diameter (m)	08°	>>>>>>>>>>>>>>>>>>>>				0.90 m x 0.49 m	1.48 m x 1.12 m	1.90 m x 1.69 m
	13°	>>>>>>>>>>>>>>>>>>>>				0.87 m x 0.30 m	1.81 m x 1.68 m	2.47 m x 2.37 m
	30°	>>>>>>>>>>>>>>>>>>>>				1.10 m x 0.67 m	2.50 m x 2.24 m	2.92 m x 2.70 m
	13°x40°	>>>>>>>>>>>>>>>>>>>>				0.97 m x 0.45 m	2.41 m x 1.31 m	3.53 m x 1.81 m

24 led, 350 mA, 600 mm

24 led, 350 mA, 600 mm						Typical illuminance (Lux)		
Optics	Code	Color Temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	at 1m	at 2m	at 3m
08°	GRV-24008060WW2	White 2800 K	2400 lm	100 lm/w	>90	13341 lx	6274 lx	3684 lx
	GRV-24008060WW3	White 3200 K	2520 lm	105 lm/w	>85			
	GRV-24008060NW4	White 4200 K	2640 lm	110 lm/w	>80			
	GRV-24008060CW5	White 5500 K	3120 lm	130 lm/w	>80			
13°	GRV-24013060WW2	White 2800 K	2400 lm	100 lm/w	>90	5062 lx	1768 lx	864 lx
	GRV-24013060WW3	White 3200 K	2520 lm	105 lm/w	>85			
	GRV-24013060NW4	White 4200 K	2640 lm	110 lm/w	>80			
	GRV-24013060CW5	White 5500 K	3120 lm	130 lm/w	>80			
30°	GRV-24030060WW2	White 2800 K	2400 lm	100 lm/w	>90	2876 lx	760 lx	342 lx
	GRV-24030060WW3	White 3200 K	2520 lm	105 lm/w	>85			
	GRV-24030060NW4	White 4200 K	2640 lm	110 lm/w	>80			
	GRV-24030060CW5	White 5500 K	3120 lm	130 lm/w	>80			
13°x40°	GRV-24x40060WW2	White 2800 K	2400 lm	100 lm/w	>90	7707 lx	2244 lx	1034 lx
	GRV-24x40060WW3	White 3200 K	2520 lm	105 lm/w	>85			
	GRV-24x40060NW4	White 4200 K	2640 lm	110 lm/w	>80			
	GRV-24x40060CW5	White 5500 K	3120 lm	130 lm/w	>80			
Diameter (m)	08°	>>>>>>>>>>>>>>>>>>				0.92 m x 0.52 m	1.51 m x 1.16 m	1.97 m x 1.73 m
	13°	>>>>>>>>>>>>>>>>>>				0.89 m x 0.30 m	1.86 m x 1.73 m	2.54 m x 2.43 m
	30°	>>>>>>>>>>>>>>>>>>				1.13 m x 0.69 m	2.60 m x 2.34 m	3.02 m x 2.80 m
	13°x40°	>>>>>>>>>>>>>>>>>>				0.98 m x 0.47 m	2.46 m x 1.35 m	3.61 m x 1.87 m

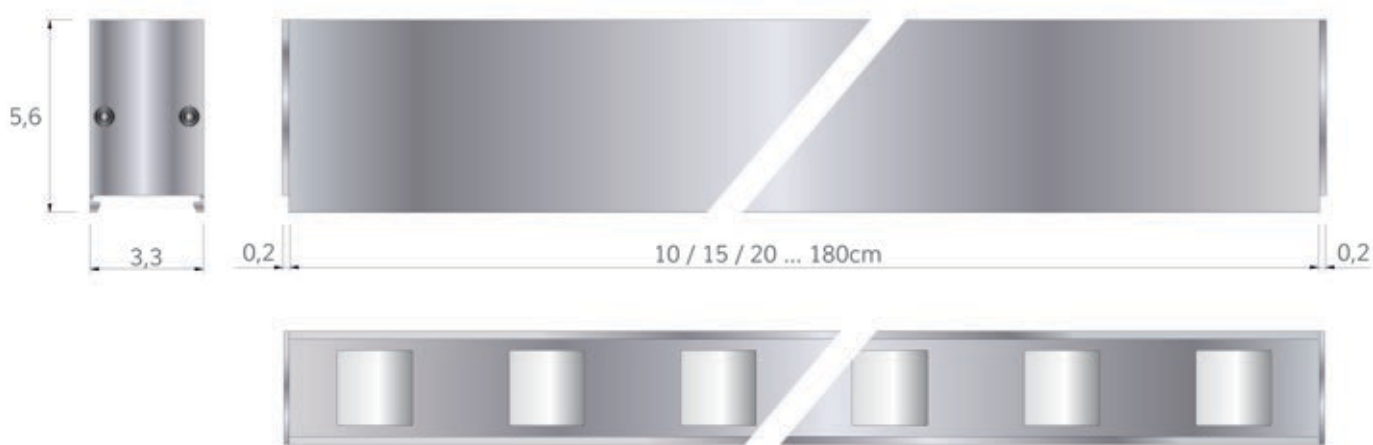
18 led, 700 mA, 900 mm

						Typical illuminance (Lux)		
Optics	Code	Color Temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	at 1m	at 2m	at 3m
08°	GRV-18008090WW2	White 2800 K	3060lm	100 lm/w	>90	11714 lx	5741 lx	3651 lx
	GRV-18008090WW3	White 3200 K	3150lm	105 lm/w	>85			
	GRV-18008090NW4	White 4200 K	3330lm	110 lm/w	>80			
	GRV-18008090CW5	White 5500 K	3960lm	130 lm/w	>80			
13°	GRV-18013090WW2	White 2800 K	3060lm	100 lm/w	>90	4703 lx	1966 lx	1025 lx
	GRV-18013090WW3	White 3200 K	3150lm	105 lm/w	>85			
	GRV-18013090NW4	White 4200 K	3330lm	110 lm/w	>80			
	GRV-18013090CW5	White 5500 K	3960lm	130 lm/w	>80			
30°	GRV-18030090WW2	White 2800 K	3060 lm	100 lm/w	>90	2981 lx	975 lx	441 lx
	GRV-18030090WW3	White 3200 K	3150 lm	105 lm/w	>85			
	GRV-18030090NW4	White 4200 K	3330lm	110 lm/w	>80			
	GRV-18030090CW5	White 5500 K	3960lm	130 lm/w	>80			
13°x40°	GRV-18x40090WW2	White 2800 K	3060lm	100 lm/w	>90	7996 lx	2745 lx	1302 lx
	GRV-18x40090WW3	White 3200 K	3150lm	105 lm/w	>85			
	GRV-18x40090NW4	White 4200 K	3330lm	110 lm/w	>80			
	GRV-18x40090CW5	White 5500 K	3960lm	130 lm/w	>80			
Diameter (m)	08°	>>>>>>>>>>>>>>>>>>>				1.20 m x 0.50 m	1.98 m x 1.18 m	2.39 m x 1.80 m
	13°	>>>>>>>>>>>>>>>>>>>				1.18 m x 0.30 m	2.11 m x 1.78 m	2.83 m x 2.55 m
	30°	>>>>>>>>>>>>>>>>>>>				1.41 m x 0.70 m	2.90 m x 2.50 m	3.36 m x 3.11 m
	13°x40°	>>>>>>>>>>>>>>>>>>>				1.25 m x 0.46 m	2.72 m x 1.42 m	3.89 m x 1.98 m

36 led, 350 mA, 900 mm

GRV-3608090WW2, GRV-3608090WW3, GRV-3608090NW4, GRV-3608090CW5						Typical illuminance (Lux)		
Optics	Code	Color Temperature	Emission (Lumens)	LED Efficiency (lm/W)	CRI	at 1m	at 2m	at 3m
08°	GRV-3608090WW2	White 2800 K	3600 lm	100 lm/w	>90	13415 lx	6580 lx	4183 lx
	GRV-3608090WW3	White 3200 K	3780 lm	105 lm/w	>85			
	GRV-3608090NW4	White 4200 K	3960 lm	110 lm/w	>80			
	GRV-3608090CW5	White 5500 K	4680 lm	130 lm/w	>80	17441 lx	8540 lx	5429 lx
13°	GRV-36013090WW2	White 2800 K	3600 lm	100 lm/w	>90	5391 lx	2248 lx	1174 lx
	GRV-36013090WW3	White 3200 K	3780 lm	105 lm/w	>85			
	GRV-36013090NW4	White 4200 K	3960 lm	110 lm/w	>80			
	GRV-36013090CW5	White 5500 K	4680 lm	130 lm/w	>80	6996 lx	2917 lx	1523 lx
30°	GRV-36030090WW2	White 2800 K	3600 lm	100 lm/w	>90	3419 lx	1119 lx	505 lx
	GRV-36030090WW3	White 3200 K	3780 lm	105 lm/w	>85			
	GRV-36030090NW4	White 4200 K	3960 lm	110 lm/w	>80			
	GRV-36030090CW5	White 5500 K	4680 lm	130 lm/w	>80	4437 lx	1453 lx	655 lx
13°x40°	GRV-36x40090WW2	White 2800 K	3600 lm	100 lm/w	>90	9161 lx	3142 lx	1491 lx
	GRV-36x40090WW3	White 3200 K	3780 lm	105 lm/w	>85			
	GRV-36x40090NW4	White 4200 K	3960 lm	110 lm/w	>80			
	GRV-36x40090CW5	White 5500 K	4680 lm	130 lm/w	>80	11890 lx	4078 lx	1936 lx
Diameter (m)	08°	>>>>>>>>>>>>>>>>>>>>				1.22 m x 0.54 m	1.84 m x 1.20 m	2.30 m x 1.88 m
	13°	>>>>>>>>>>>>>>>>>>>>				1.20 m x 0.30 m	2.16 m x 1.81 m	2.90 m x 2.66 m
	30°	>>>>>>>>>>>>>>>>>>>>				1.43 m x 0.73 m	3.02 m x 2.62 m	3.50 m x 3.29 m
	13°x40°	>>>>>>>>>>>>>>>>>>>>				1.27 m x 0.48 m	2.77 m x 1.50 m	3.97 m x 2.08 m

TECHNICAL DRAW



ACCESSORIES

DESCRIPTION	CODE
2-pole power supply cable L=2m	CMP00516
4-pole power supply cable L=2m	CMP00517
5-pole power supply cable L=2m	CMP00518
2-pole power supply cable L=5m	CMP00519
4-pole power supply cable L=5m	CMP00520
5-pole power supply cable L=5m	CMP00521
Frame for flush mounting Groove 300	TRN00329
Frame for flush mounting Groove 600	TRN00330
Frame for flush mounting Groove 900	TRN00331
Frame for flush mounting Groove 1200	TRN00332
Frame for flush mounting Groove 1500	TRN00333
Frame for flush mounting Groove 1800	TRN00334
Kit 2 end caps for frame for flush mounting Groove	TRN00335
Fastening clips (2pcs.)	CMP00522
45° fastening clips (2pcs.)	CMP00525
Adjustable fastening clips kit (2pcs.)	CMP00526
Spring for T profile T (2pcs.)	CMP00527
Parallel connection multiple connector	CMP00868
Conformal coating L=1m	CMF
Resin filling L=1m	RES