

◆ Features:

- Built-in lens 160°
- Chain of 30 pcs.
- IP 67 sealed, injection molded
- Internal current stabilization (CC)
- Built-in heat sink plate
- 5 years warranty

◆ Usage:

- Letters of light
- Advertising boxes with a depth of 8-30 cm
- POS systems
- Backlighting of furniture

◆ Photos:

CE

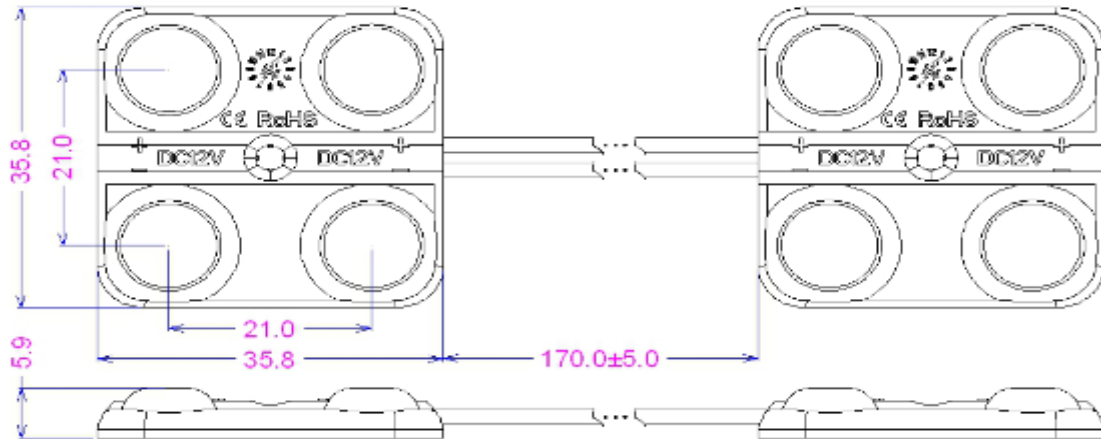




MW-MLD-2835-4W-LENS

Power	Rated voltage	12Vdc +/- 5%
	Power consumption	1.2W
	Current consumption of one module	0.1A
	Power consumption of chain	36W
LEDs	Dimensions of LEDs	2835
	Number of diodes in module	4
	Color of Light	W-white (6000-8000K) CW-cold white (10000-14000K) WW-warm white (2700-3200K)
	Flux	104lm
	Luminous efficacy	83,5lm/W
	Beam angle	160°
	Lifetime	50K hours
Connection	Soldering	Yes
	Screw and spring clamps	Yes
Wires	Wire length	170 mm
	Wires designation	White & red (+) White (-)
Properties	Protection	IP 67
	Working temperature	-40°C ... 100°C
Dimensions	Height, width, length	5,9 x 35,8 x 35,8 mm
Montage	Bonding	Yes
	Screwing	Yes
	Hole size	M3
Others	Housing material	ABS
	Number of modules per 1 m	4,5 pcs.
Packing	Chain	30 pcs. (6,2m)
	Bag	160 pcs.
	Box	2560 pcs.

◆ DIMENSIONS:



Dimensions: mm

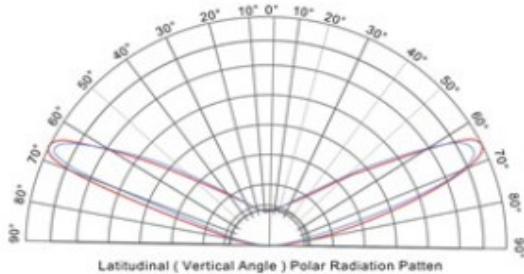
◆ TABLE OF SELECTION OF MODULES TO DEPTH OF CASSETTE

Depth	Light intensity	Distance between the centres of the modules	Distance between rows	Pieces/m ²	Power/m ²
80 mm	3300-3500 lx	140 mm	140 mm	49 pcs.	58,8W/m ²
100 mm	2900-3100 lx	170 mm	170 mm	36 pcs.	43,2W/m ²
110 mm	3200-3600 lx	150 mm	150 mm	36 pcs.	43,2W/m ²
120 mm	1900-2100 lx	200 mm	200 mm	25 pcs.	30W/m ²
150 mm	1300-1500 lx	250 mm	250 mm	16 pcs.	19,2W/m ²
180 mm	1100-1300 lx	280 mm	280 mm	16 pcs.	19,2W/m ²
200 mm	800-1000 lx	300 mm	300 mm	9 pcs.	10,8W/m ²
250 mm	400-600 lx	450 mm	450 mm	4 pcs.	4,8W/m ²
300 mm	250-300 lx	450 mm	450 mm	4 pcs.	4,8W/m ²

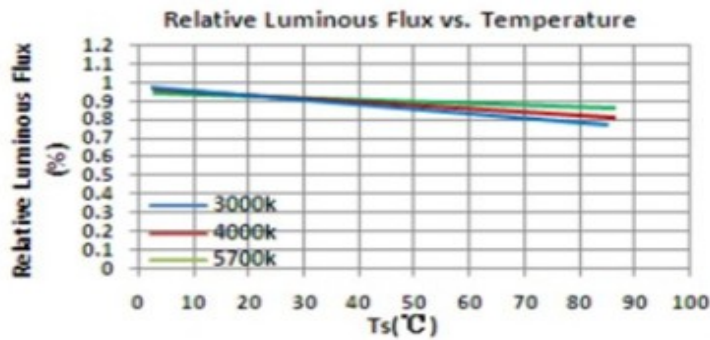


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◆ LIGHT DISTRIBUTION ANGLE



◆ CHANGE OF LUMINOUS FLUX IN RELATION TO TEMPERATURE



◆ TABLE OF SELECTION OF MODULES FOR GPV POWER SUPPLIES

Power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
Number of modules	10	13	17	30	50	63	83	90	166