

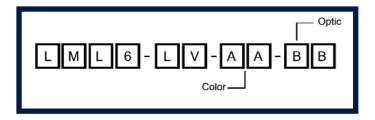
PWM SERIES LV LINEAR MODULES



OPERATING CONDITIONS

- ▲ Operating Ambient temperature -30°C to +55°C
- ▲ Onboard driver model operates off 12-24VDC / 11-17VAC input
- ▲ Max modules per run = 10 @ 12VAC, 16 @ 24VDC input
- ▲ Typical power consumption 8.0W per module
- ▲ Additional heatsinking required for optimal performance
- ▲ Current draw 580mA @ 12VDC input* 290mA @ 24VDC input*

ORDERING INFORMATION



Typical Colour (AA) Temperature

CW = 5000K - 6350K

NW = 3800K - 4100K

WW = 2850K - 3250K

FEATURES / BENEFITS

- ▲ Fully modular linear arrays of ultra high brightness LEDs
- ▲ Utilizes the latest 100+ lumen LUXEON® Rebel™ LEDs for cool white, 100+ lumen for neutral white & 50+ lumen for warm white
- ▲ Onboard 350mA constant current driver runs off low voltage input
- ▲ ETL listed to UL2108 standards
- ▲ Choice of colour temperatures & optical patterns
- ▲ >70% lumen maintenance @ 50,000 hours at max acceptable ambient temperature
- Primary heatsinking included
- ▲ Color binned for consistent color

APPLICATION

- ▲ Linear lighting
- ▲ Accent lighting
- ▲ Flood lighting
- ▲ Street & area lighting
- ▲ General illumination

*Note:- 750mA per unit required for initial start-up

MATERIALS / FINISH

- ▲ Six premium LUXEON Rebel LEDs per module
- ▲ Anodized cast aluminum heatsink
- ▲ Dialight-Lumidrives optics (OPC 11 Series)
- ▲ Onboard 350mA constant current driver
- ▲ Required Entry Cable, Power Supply to 1st module (sold seperately): LML6-LV-CON-CAB

Optic (BB)

SP = 5 degree spot

MD = 8 degree med.

WD = 20 degree wide

OV = 5X25 degree oval

FR = 7 degree frosted spot

*All angles are half divergence

Connectors

LML6-LV-CON-CAB (sold separately)
Entry cable, power supply to 1st module
LML6-LV-M2M-CAB (ships w/ 1 in box)

Connection cable (module to module)

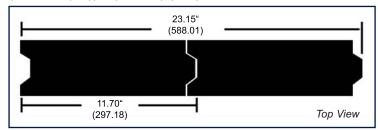
* Cables use AWG 20 wires

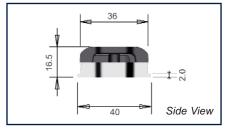
MECHANICAL DIMENSIONS

11.7" x 1.498" x 0.585" (297.18mm x 38.05mm x 14.86mm)

Mounting hole spacing = 3.22" [81.8mm]. Max screw size #8

Total length for "Z" units connected end to end = $(Z \times 11.7) - ((Z-1) \times 0.25)$ (inches) $(Z \times 297.2) - ((Z-1) \times 6.35)$ (mm)





Example: 2 units total length = 23.15" [588.01]

ASSEMBLY INFORMATION







- 1) Remove cover from module (Do not remove mask)
- 2) Connect **LML6-LV-M2M-CAB** quick connect cables between modules as indicated in the photo. If desired, insert 8/32 or M6 mounting screws in holes provided.
- 3) Wire between cables may be routed through end as indicated in photo or around side of module.
- 4) Connect **LML6-LV-CON-CAB** into front of first module.
- 5) Replace cover.
- 6) Connect leads on **LML6-LV-CON-CAB** to low voltage power supply. Red wire to +, black wire to -

PHOTOMETRIC DATA

IES 32 files available, consult factory

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