



## CL2 SERIES



### FEATURES / BENEFITS

- ▲ Ultra slim design, less than 1/2" (13mm) high
- ▲ 70% lumen maintenance @ 50,000+ hr life @ 25°C ambient temperature
- ▲ Low energy use, no IR or UV emissions
- ▲ Modular "quick connect" system for easy installation
- ▲ Designed for even LED spacing over linear runs, no hotspots or dark spots between fixtures
- ▲ Cool to touch, suitable for direct mounting on flammable surfaces
- ▲ Onboard constant current driver with low voltage input
- ▲ ETL listed to UL2108 for dry locations (pending)
- ▲ Utilizes the latest high efficiency LED technology

### APPLICATIONS

The CL2 Series is designed for use in a wide range of lighting applications, especially areas which benefit from its ultra slim profile, low energy and long operating life. Designed around the latest LED technology, the CL 2 series represents true innovation in lighting, delivered in a package which blends seamlessly into it's surroundings. Sample applications include, but not limited to: Cove and cornice lighting, shelf lighting, integrated into furniture, under counters, stair hand rails, display cases, task lighting.

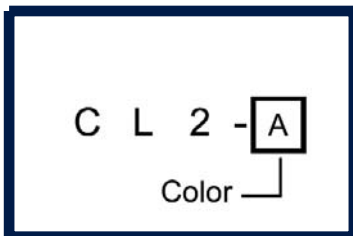
### OPERATING CONDITIONS

- ▲ Ambient temperature -20°C to +45°C (-4°F to +131°F)
- ▲ Input voltage 24VDC. Use only class 2 power supplies
- ▲ Power consumption 5.3W per module  
Does not include power supply losses
- ▲ Max # of modules connected per run = 20 for 5 amp system,  
16 for a 100W power supply

### MATERIALS/FINISH

- ▲ Anodized aluminum module base with polycarbonate lens
- ▲ Plug & play connector system
- ▲ Onboard constant current driver
- ▲ 4 high output 1W LEDs per module
- ▲ 20AWG, PTFE cable - UL E213967 rated

### ORDERING INFORMATION



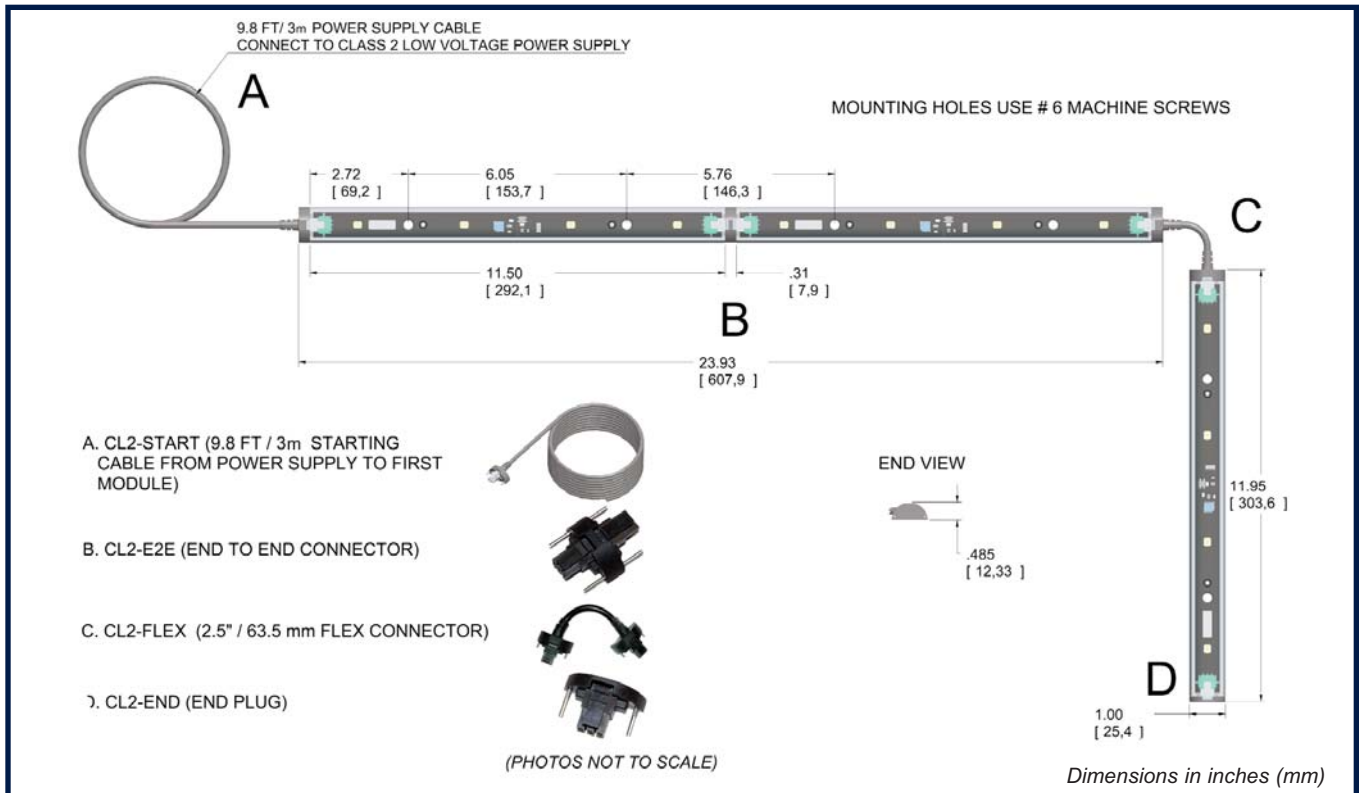
LED Color	Catalog Number (A)	CCT/dom Wavelength	Min Luminous Flux per Module (lumens)	Typical Luminous Flux per Module (lumens)	CRI
Cool White	<b>C</b>	5000K	242	315	75
Neutral White	<b>N</b>	4100K	204	265	75
Warm White	<b>W</b>	3000K	171	222	75
High CRI Warm White	<b>Z</b>	3000K	144	187	92

Note: Special colors available, consult factory.

#### Connectors (sold separately)

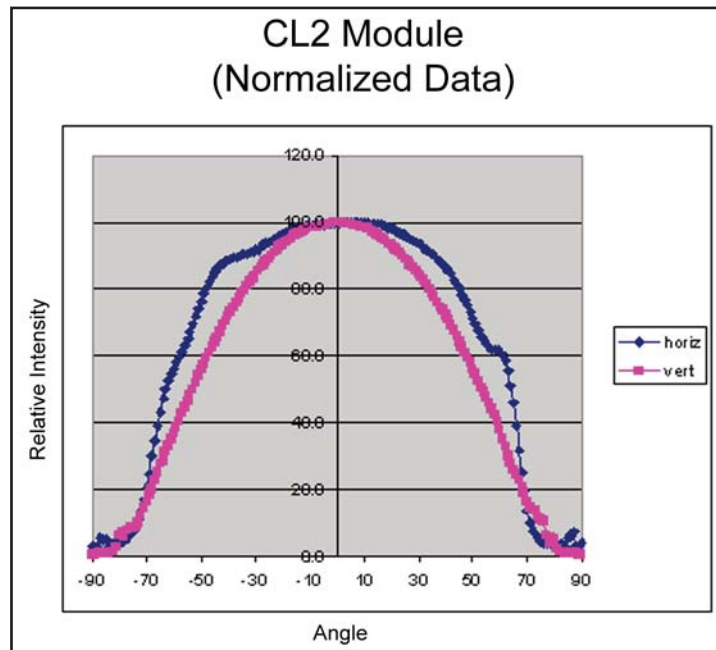
- CL2-E2E** = End to end module connector      **CL2-START** = 3 meter start cable (power supply to first module)  
**CL2-FLEX** = 2 1/2" flexible end to end connector      **CL2-END** = End plug

# MECHANICAL DIMENSIONS



Requires Class 2 low voltage power supply (purchased separately)  
 Total power consumption of modules should not exceed rating of power supply  
 Observe minimum rating of power supply used

# PHOTOMETRIC DATA



IES 32 files available - consult factory

Dialight reserves the right to make changes at any time in order to supply the best product possible.

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# PRIVATE LABEL OEM PROGRAM

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