



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Dialight Lumidrives

## 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 UL standards for dry locations
- ▲ 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 CL2 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.

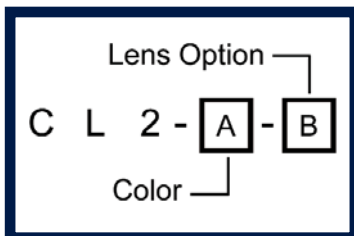
### OPERATING CONDITIONS

- ▲ Ambient temperature -20°C to +40°C (-4°F to +104°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. Up to 16 modules can be operated on 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 rated E213967, 300V, 80°C

### ORDERING INFORMATION



LED Color	Catalog Number (A)	Typical CCT	Min Luminous Flux per Module (lumens)	Typical Luminous Flux per Module (lumens)	CRI	Lens (B)
Cool White	<b>C</b>	5000K	288	342	75	C = Clear
Neutral White	<b>N</b>	4100K	242	288	75	
Warm White	<b>W</b>	3000K	204	242	75	
High CRI Warm White	<b>Z</b>	3000K	171	204	92	F = Frosted

Note: Special colors available, consult factory.

LED data is LED manufacturers test data at 25°C Tj. Light output at max acceptable ambient temp will be approximately 15-20% lower depending on the thermal conductivity of the mounting surface. Clear lens will reduce fixture light output by additional 8-10%, and frosted lens by additional 30%.

#### Connectors (sold separately)

CL2-E2E = End to end module connector  
CL2-FLEX = 63mm / 2.5" flexible end to end connector  
CL2-EXTEND = 952mm / 37.5" flexible end to end connector

CL2-START = 3m / 9' 10" start cable (supplies power to first module)  
CL2-END = End plug

#### Dialight Lumidrives

York House • Weatherby Road • Long Marston, York, YO26 7NH  
Tel: 0845 6346161 • Fax: 0845 6346160 • www.dialight.com

## PRIVATE LABEL OEM PROGRAM

#### Dialight Corporation

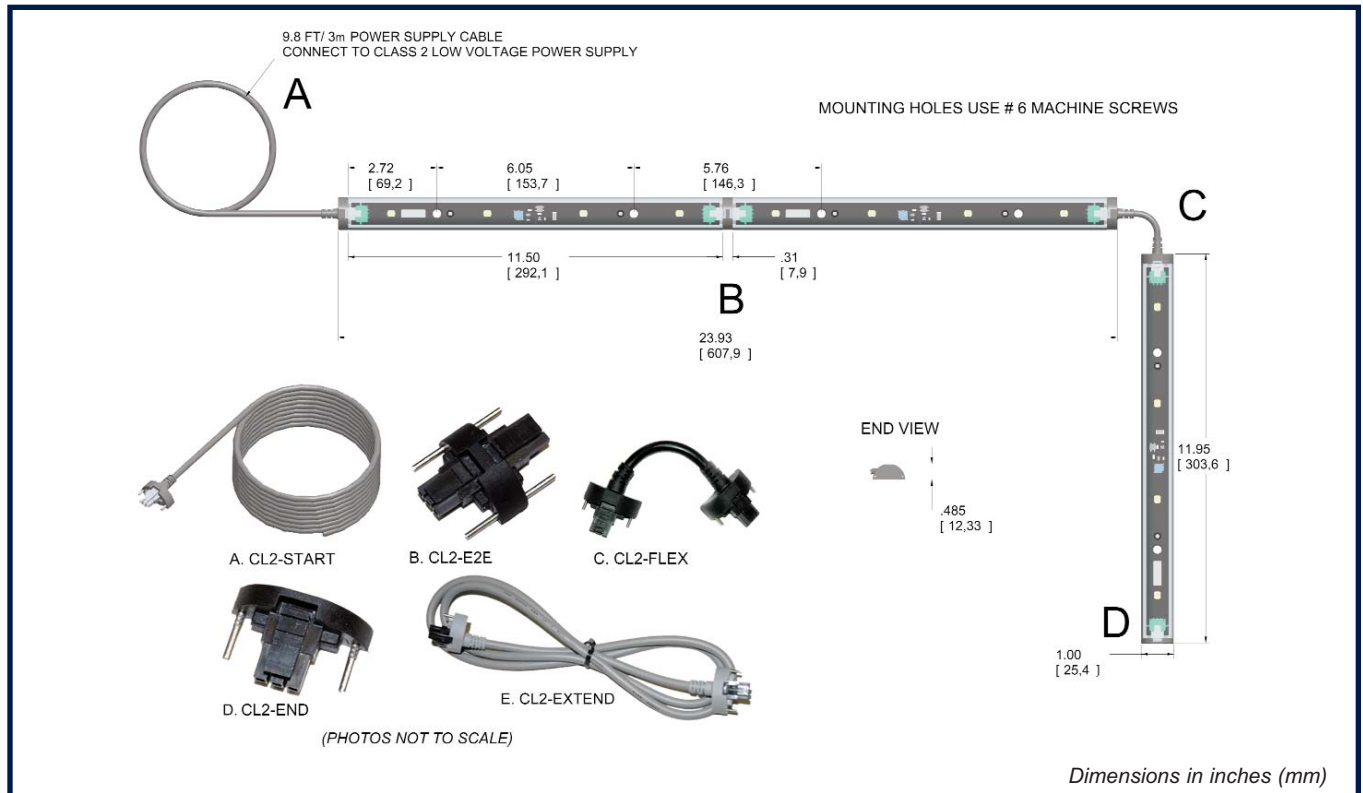
1501 Route 34 South • Farmingdale, NJ 07727 USA  
Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com



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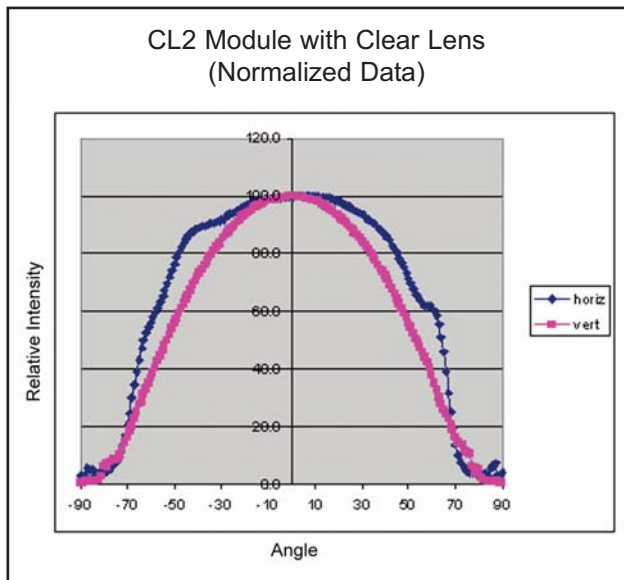


## MECHANICAL DIMENSIONS

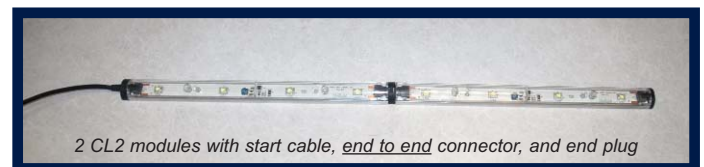


Requires Class 2 low voltage power supply (purchased separately)  
Total power consumption of modules should not exceed rating of power supply  
Observe minimum rating of power supply used

## 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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