

CL2CC Datasheet



DiGi Electronics Part Number	CL2CC-DG
Manufacturer	Dialight
Manufacturer Product Number	CL2CC
Description	LED ENG CL2 WHT LNR STRP 5000K
Detailed Description	LED Lighting COBs Engines Modules LED Engine CL 2 White, Cool Linear Light Strip, Plug and Play

<https://www.DiGi-Electronics.com>

This model CL2CC is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

CL2CC

Series:

CL2

Type:

LED Engine

CCT (K):

5000K

Configuration:

Linear Light Strip, Plug and Play

Current - Test:

-

Voltage - Forward (Vf) (Typ):

-

Current - Max:

-

Viewing Angle:

-

Size / Dimension:

911.35mm L x 25.40mm W

Light Emitting Surface (LES):

-

Base Product Number:

CL2C

Manufacturer:

Dialight

Product Status:

Obsolete

Color:

White, Cool

Wavelength:

-

Luminous Flux @ Current/Temperature:

342lm (Typ)

Temperature - Test:

25°C

Lumens/Watt @ Current - Test:

-

CRI (Color Rendering Index):

-

Features:

With Connector

Height:

-

Lens Type:

Flat

Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

0000.00.0000

ECCN:

OBSOLETE

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.

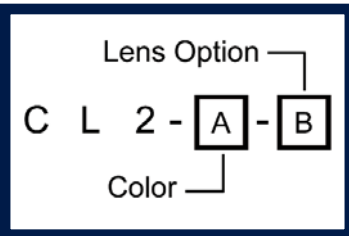
OPERATING CONDITIONS

- ▲ 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	C	5000K	288	342	75	C = Clear
Neutral White	N	4100K	242	288	75	
Warm White	W	3000K	204	242	75	F = Frosted
High CRI Warm White	Z	3000K	171	204	92	

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

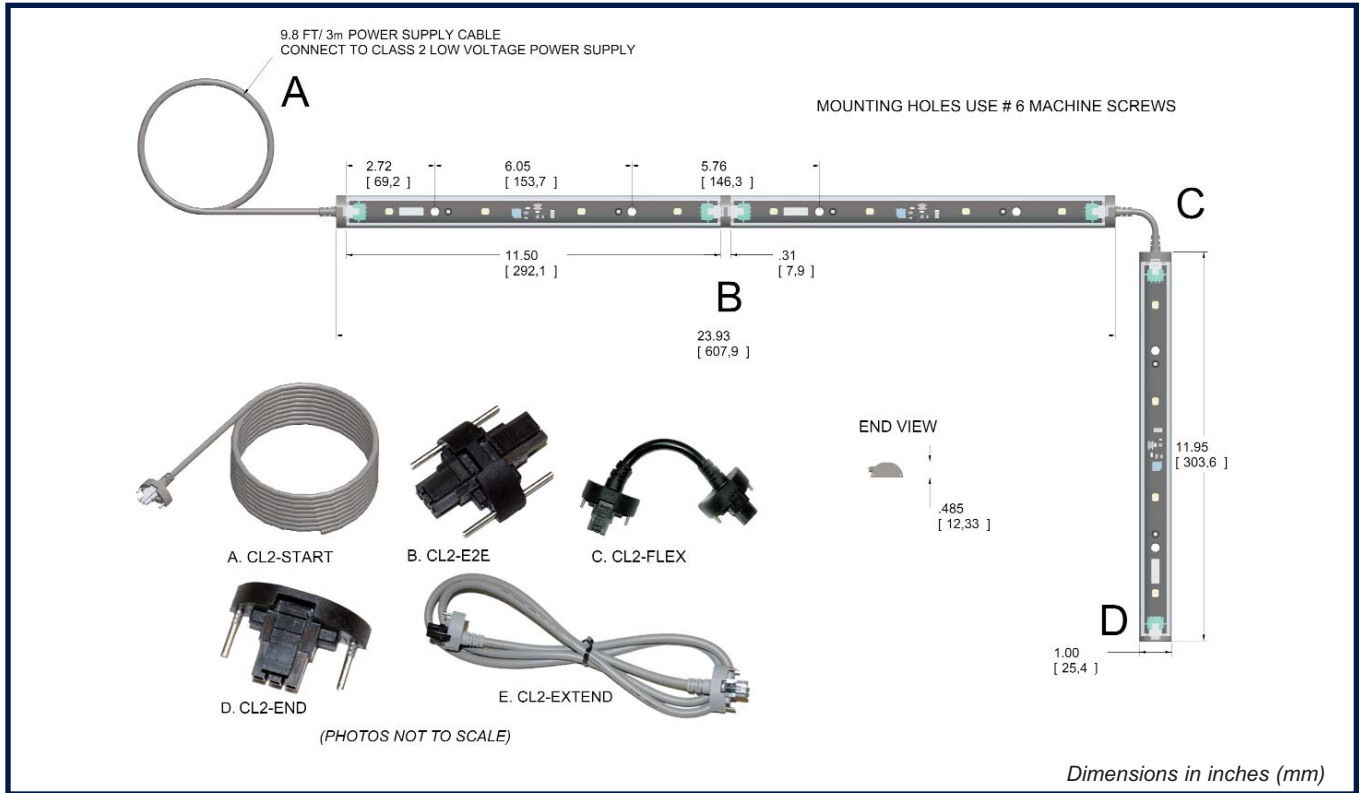
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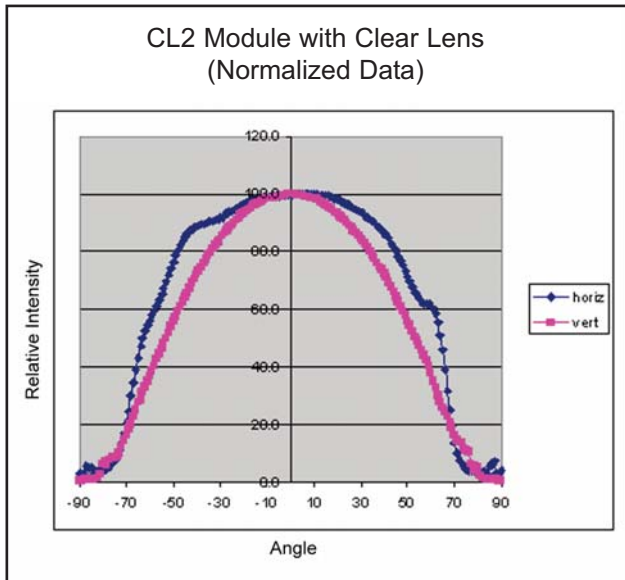
MDEXLUMCL2_A

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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