CML LED

Non-metallic heavy duty LED lighting for marine applications

Classifications

- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 924 Emergency Lighting
- -40°C to 65°C Ambient Temperature
- NEMA 4X
- ABS Type Approved
- IP66
- Tested to LM 79 & LM 80

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Key Features

1 Low-profile, lightweight design

2 Heavy-duty, 1/8" thick body

3 3/4" NPT entries

4 Three cable entry points

5 Toolless, cage-clamp terminal block

6 Captive junction box cover and hardware

7 Field replaceable LED circuit boards and drivers

8 Impact resistant polycarbonate lens
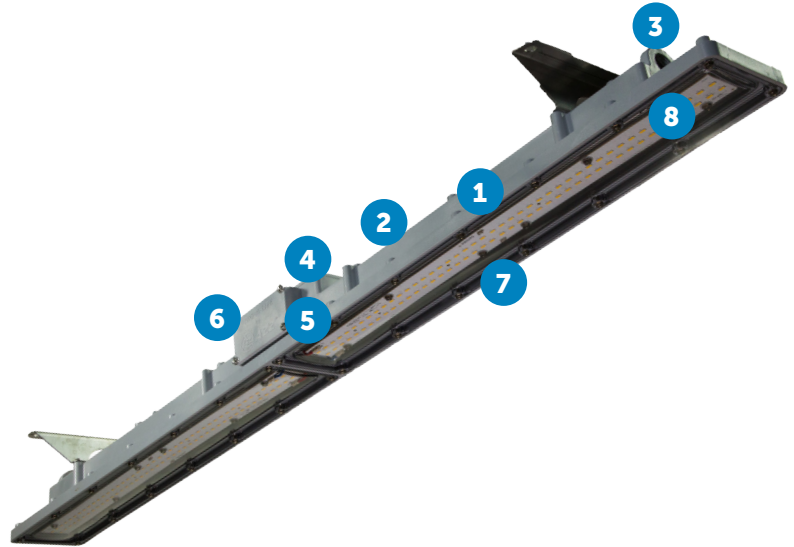
Additional Features

- Standard 10kV surge protection
- Feed-through capable
- Various mounting options
- Emergency battery back-up option
- Dimmable driver
- Diffused lens option
- 5-year warranty

Standard Materials

Body:
Fiberglas reinforced polycarbonate

Gaskets:
One-piece silicone

Lens:
Polycarbonate

Hardware:
Stainless Steel

Mounting Brackets:
Stainless Steel

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Catalog Number Logic

$$\text{CML } 07 - L - C - 4 - U - XX$$

(1) (2) (3) (4) (5) (6) (7)
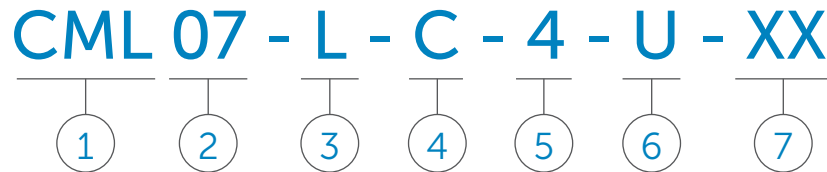
1
BASIC SERIES
CML = Marine Outside Type

2
LAMP WATTAGE
04 = 30W (2 foot)
05 = 37W (2 foot)
06 = 40W (2 foot)
07 = 54W (4 foot)
09 = 72W (4 foot)
11 = 80W (4 foot)

3
LAMP TYPE
L = LED (4000K CCT)

4
LENS
C = Clear
D = Diffused

5
NOMINAL FIXTURE LENGTH
2 = 2 Foot
4 = 4 Foot

6
VOLTAGE/FREQUENCY
U = 120 - 277V 50/60HZ
N = 347/480V 60HZ (4 ft. only)
A = 120V 60HZ[2]
B = 220 - 240V 50/60HZ[2]
C = 277V 60HZ[2]

7
OPTIONS
SMK = Shock Mounting Brackets
WMB = Wall Mounting Brackets
ADJ = Adjustable Ceilng/Wall
    Brackets
SC = Safety Cable
HA = High Ambient 65°C Rated
    (07 Model Only)[1]
EM = Emergency Battery
    Backup[1] (Reduced
Lumens, 45°C max
    ambient)
FB = Fuse Block[2]
30 = 3000K CCT

1 Not available in 347/480V, type HA.

2 Specify voltage when option FB is needed. When option FB is selected, one

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.
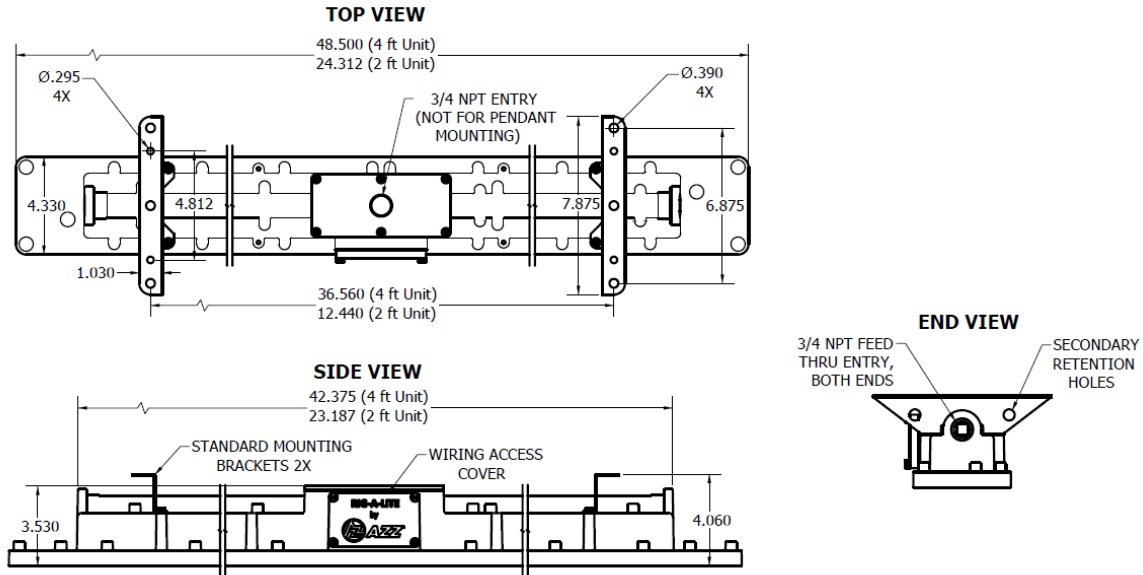
Certification Guide

Model	Length	Watts	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Supply Wire Suitable Temp. °C
CML04LC2U	2 ft	30W		3710	129	84	4132	-40°C < Tamb < 55°C	90°C
CML05LC2U	2 ft	37W		4376	141	83	4088	-40°C < Tamb < 55°C	90°C
CML06LC2U	2 ft	40W		4863	140	83	4113	-40°C < Tamb < 55°C	90°C
CML07LC4U	4 ft	54W	120V - 277V 50/60 Hz, 347V - 480V 50/60 Hz	6975	138	83	4121	-40°C < Tamb < 55°C	90°C
CML07LC4U-HA	4 ft	41W		4705	115	83	4121	-40°C < Tamb < 65°C	90°C
CML09LC4U	4 ft	72W		8848	148	84	4105	-40°C < Tamb < 55°C	90°C
CML11LC4U	4 ft	80W		9884	147	84	4094	-40°C < Tamb < 55°C	90°C

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Fixture Dimensions (inches)

TOP VIEW

48.500 (4 ft Unit)
24.312 (2 ft Unit)

Ø.295 4X

3/4 NPT ENTRY (NOT FOR PENDANT MOUNTING)

Ø.390 4X

4.330   4.812   7.875   6.875

1.030

36.560 (4 ft Unit)
12.440 (2 ft Unit)

SIDE VIEW

42.375 (4 ft Unit)
23.187 (2 ft Unit)

STANDARD MOUNTING BRACKETS 2X

WIRING ACCESS COVER

3.530   4.060

END VIEW

3/4 NPT FEED THRU ENTRY, BOTH ENDS

SECONDARY RETENTION HOLES

CML Series	Dimensions (inches)	Boxed Weight	Shipping Volume
	A		
4 ft. models	48.00	18 lbs.	1.47 cu. ft.
2 ft. models	24.00	10 lbs.	.76 cu. ft.

Accessories

Shock Mounting Brackets

Catalog Number:
53120

Shipping Weight:
2 lbs.

Adjustable Ceiling/Wall Brackets

Catalog Number:
53121

Shipping Weight:
2 lbs.

Wall Mounting Brackets

Catalog Number:
53122

Shipping Weight:
3 lbs.

Safety Cable

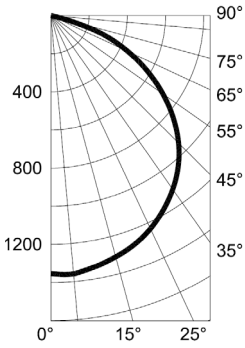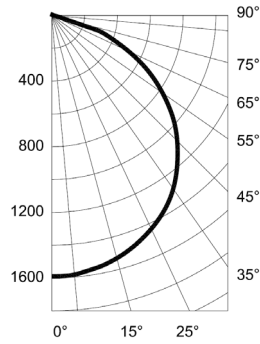Catalog Number:
10128R

Shipping Weight:
1 lb.

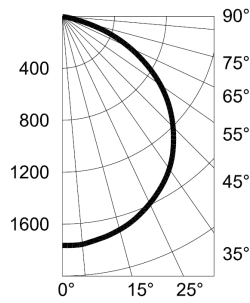///RIG-A-LITE™
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Photometric Data

CML04LC4U

CML04LC2U-HL

CML07LC4U
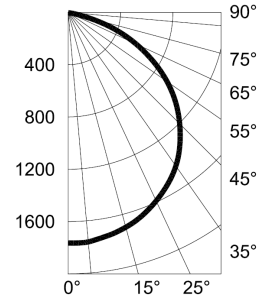
CML07LC4U-HA

CML07LC4U-HL

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