

# HCHL

## Non-metallic heavy duty LED Lighting for hazardous locations

### Classifications

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- Class I, Zone 2, Groups IIA, IIB, IIC, Zone 22 (ANSI/UL 844)
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- Emergency battery back-up
- -40°C to 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- NEMA 4X
- IP66
- Tested to LM 79 & LM 80

### Standard Materials

Body: Fiberglass reinforced polycarbonate

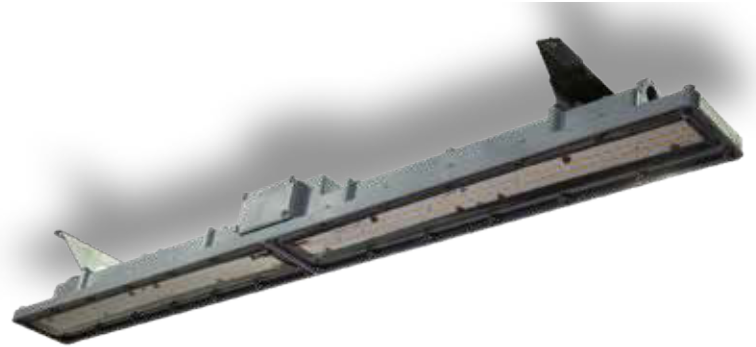
Gaskets: one-piece silicone

Lens: polycarbonate

Hubs (2): A360 aluminum  
(less than .4% copper content)

Hardware: stainless steel

Mounting brackets: stainless steel



### Key Features

- Low-profile, lightweight design
- Heavy-duty, 1/8" thick body
- 3/4" NPT hubs
- Three cable entry points
- Toolless, cage-clamp terminal block
- Captive junction box cover and hardware
- Field replaceable LED circuit boards and drivers
- Impact resistant polycarbonate lens

### Additional Features

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

## Certification Guide

Model	Length	Watts	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C, D	Supply Wire Suitable Temp. °C
HCHL04LC2U	2 ft	30W	120V - 277V 50/60 Hz, 347V - 480V 50/60 Hz	3710	129	84	4132	-40°C < Tamb < 55°C	T4A	90°C
HCHL05LC2U	2 ft	37W		4376	141	83	4088	-40°C < Tamb < 55°C	T4A	90°C
HCHL06LC2U	2 ft	40W		4863	140	83	4113	-40°C < Tamb < 55°C	T4A	90°C
HCHL07LC4U	4 ft	54W		6975	138	83	4121	-40°C < Tamb < 55°C	T4A	90°C
HCHL07LC4U-HA	4 ft	40W		4705	115	83	4121	-40°C < Tamb < 65°C	T5	90°C
HCHL09LC4U	4 ft	72W		8848	148	84	4105	-40°C < Tamb < 55°C	T4A	90°C
HCHL11LC4U	4 ft	80W		9884	147	84	4094	-40°C < Tamb < 55°C	T4A	90°C

# HCHL 07 - L - C - 4 - U - XX

1

2

3

4

5

6

7

1

SERIES  
HCHL= Hazardous and Marine

2

LAMPWATTAGE  
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  
A = 120V 60HZ <sup>2</sup>  
B = 220 - 240V 50/60HZ <sup>2</sup>  
C = 277V 60HZ <sup>2</sup>

7

OPTIONS  
SMK = Shock Mounting Brackets  
WMB = Wall Mounting Brackets  
ADJ = Adjustable Ceiling/Wall Brackets  
SC = Safety Cable  
HA = High Ambient 65°C Rated  
(54W Model Only) <sup>1</sup>  
EM = Emergency Battery Backup (Reduced Lumens, 45°C max ambient)  
FB = Fuse Block<sup>2</sup>  
30 = 3000K CCT  
35 = 3500K CCT  
50 = 5000K CCT

<sup>1</sup> Not available in 347/480V, type HA

<sup>2</sup> Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V.

Two fuses are provided for 220-240V. Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Part numbering logic is for explaining part number structure only. Not all combinations are possible; consult factory for catalog numbers not listed on chart..