

## C Series

### LED Low Bay / Task Lighting Installation Guide

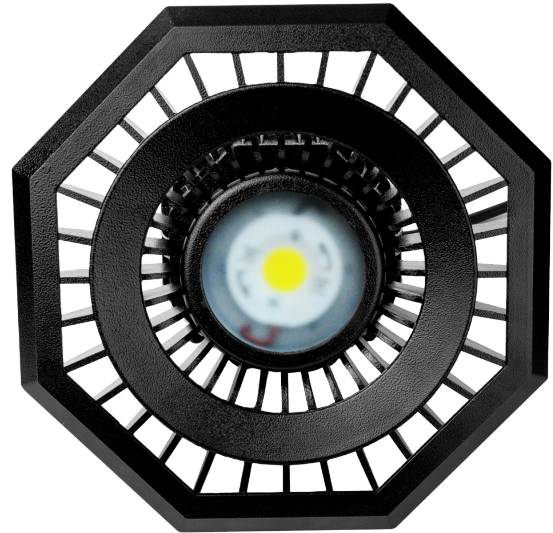
#### 1. INTRODUCTION

The C Series fixtures are designed for low bay and task lighting. The unique high efficiency LED light engines provide years of quality light. Some models of the C series use Lumen Brilliance technology. The Lumen Brilliance light engine provides an LED light source without the typical driver electronics. Circuitry added directly to the LED array has significantly fewer components than traditional power supplies and lack capacitors that are often the failure point with traditional drivers.



#### Before you Begin

Read these instructions completely and carefully.  
Save these instructions for further use.



#### WARNING

**Risk of electrical shock.** Disconnect power before servicing or installing product.



#### WARNING

**Risk of injury or damage.** Unit will fall if not installed properly.  
Follow installation instructions.



#### CAUTION

**Risk of injury.** Wear safety glasses and gloves during installation and servicing.

This luminaire is designed to be used in ambient temperatures of -40C to +45C (-40F to +113F) and be mounted horizontally with the light source pointing down (as shown in image above). This luminaire is designed for indoor applications in areas with sufficient ventilation and within the aforementioned ambient temperature ranges.

#### Package Contents

- Light fixture – assembled
- Installation Instructions

## 2. Unpacking and Getting Started

Our packaging is designed to protect the luminaire during shipping. Please inspect to confirm it was not damaged during transit.

Once unpacked, the luminaire can become damaged if mishandled. Do not stack luminaires after unpacking. Protect the lens from scratching.

### Mounting Specifications

- Weight: 9 lbs (4.1 kg)

## 3. INSTALLATION

### 3.1 Fixture Installation

The C Series fixture is designed to be ceiling mounted or wall mounted.

#### For direct bracket mount:

- 1) Ensure the ceiling surface and construction can support the light and follows any national or local building codes for fixture mounting.
- 2) Attach bracket to ceiling with at least 2 mounting bolts using application appropriate hardware.
- 3) Loosen side bracket bolts.
- 4) Adjust light to desired angle.
- 5) Retighten bolts to 10 ft-lbs.

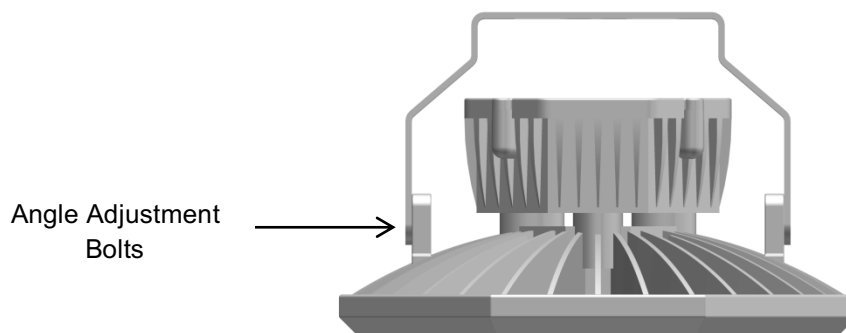


Figure 1 - Bracket mount for C80 applications

#### 4. WIRING



#### **WARNING**

**Risk of injury or damage.** LED light sources achieve full intensity immediately upon being powered on. Do not look directly at the lens while energized.

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements.

Verify that supply voltage is correct by comparing with the National Electrical code and any applicable local code requirements. The Lumen Brilliance versions of the C Series fixture are single voltage only and the fixture and supply voltage must match or damage to the light engine will occur.

This luminaire may include a lead and or plug, If wiring to the supplied lead connect the lead to matching color code only.

#### 5. CLEANING

The exposed surface of the lens is a tough, impact resistant polycarbonate or acrylic material. To maintain efficiency, it **should be cleaned with a mild soap or neutral PH cleaner**. Abrasives or cleaners containing chlorinated or aromatic hydrocarbons should not be used. Once clean, rinse with cold water and wipe dry with a soft cloth.

#### 6. TECHNICAL SUPPORT

These instructions do not cover every detail or variation. Nor do they provide for every contingency that may arise during installation, operation or maintenance. If questions arise that are not covered in this manual contact Horner ETG technical support.

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