

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: TLHBL8050K-UNV

## SERIES SPECIFICATIONS

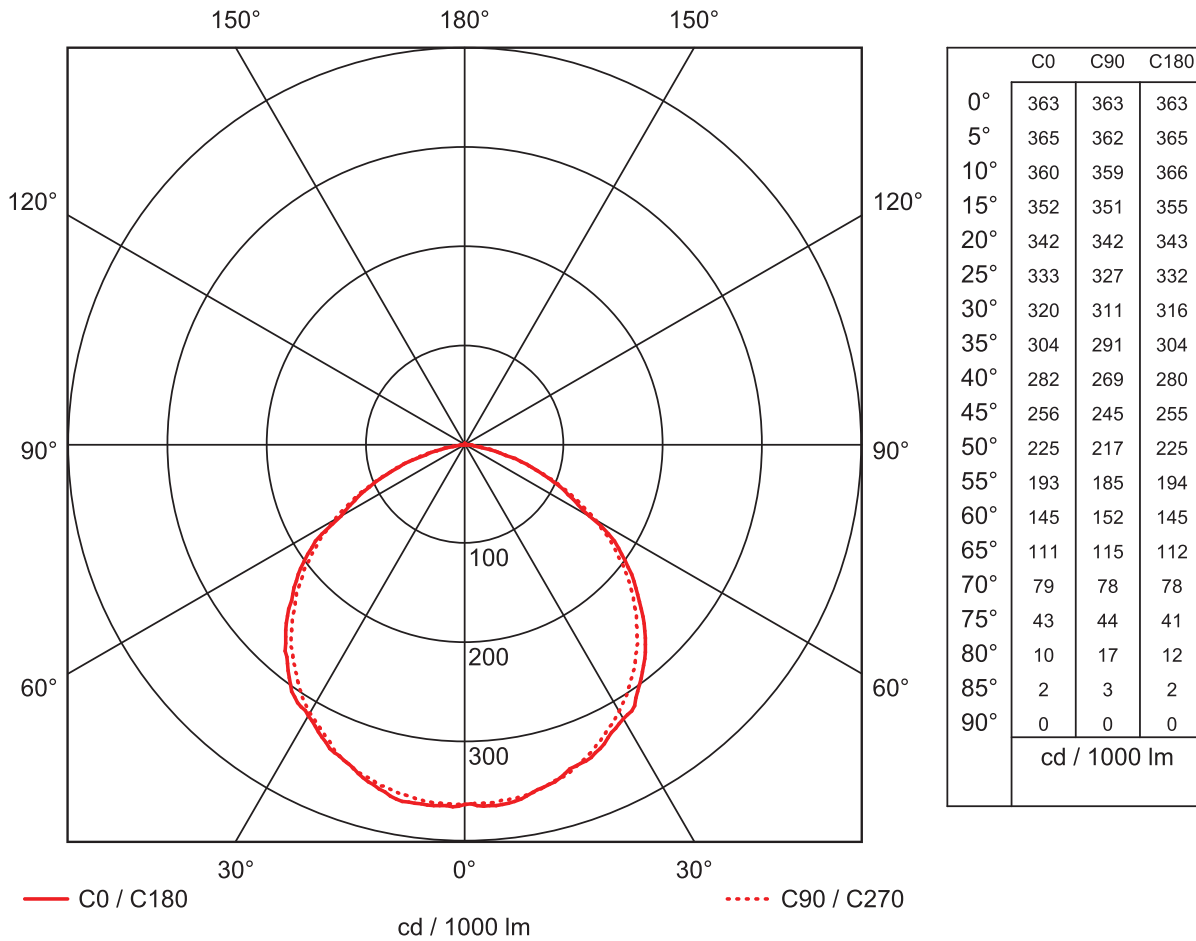


To supply and install TamLite TLHBL series of LED Highbays as specified. The luminaire shall operate at 120VAC to 277VAC. The housing shall be constructed of powder-coated aluminum with a heat and impact resistant tempered PMMA lens. All parts shall be corrosion resistant. The LEDs shall be supplied with the luminaire. The fixture shall be c-UL-us listed and DLC Qualified.



## PERFORMANCE SPECIFICATIONS

FIG. 1 - Luminance Distribution Chart



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## PERFORMANCE SPECIFICATIONS

**Initial Lumen Output:** 9972.80 lm  
**Efficacy:** 128.05 lm/W  
**Operating Temp:** -20°C to +40°C

**Environmental Rating:** IP20  
**Certification Standards:** cULus, DLC

**Anti-Corrosion Warranty:** 5 Years  
**Limited Product Warranty:** 5 Years

## LED SPECIFICATIONS

**LED Type:** Array  
**CRI:** 83.0  
**R9:** 8

**Average Life:**  $L_{70} = >50,000$  hrs  
**Colour Temperature:** 5132K  
**Chromaticity:**  $x = 0.3418; y = 0.3535$

**Dimming:** 1-10V  
**Duv:** 0.0023

## ELECTRICAL SPECIFICATIONS

**Voltage:** 120-277VAC  
**Frequency:** 60 Hz  
**Fixture Draw:** 77.88W

**Current Draw:** 0.6520A  
**Power Factor:** 0.9957

**THD (%):** 6.85%  
**Driver:** Arcata

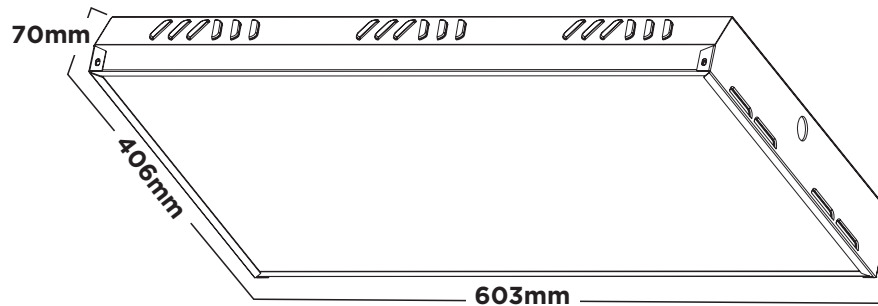
## PHYSICAL SPECIFICATIONS

**Colour(s):** White  
**Finished Type:** Textured Powder Coat over Chromate Conversion Coat

**Wiring:** Luminaire Disconnect  
**Mounting:** Surface, Suspended  
**Housing Material:** Die-Cast Aluminum

**Lens Material:** Polycarbonate  
**Lens Type:** Clear

## LINE DRAWING



## ORDERING INFORMATION

**Part Number:** TLHBL8050K-UNV

**Box Quantity:** 1

**Box Length:** 635mm - 25.00"  
**Box Width:** 420mm - 16.50"

**Box Height:** 150mm - 5.90"

**Optional Extras:** TLHB-C10 (10FT SOOW Cord)