



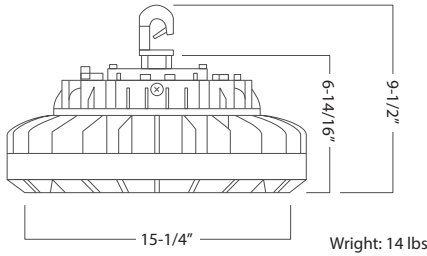
JOB INFORMATION	TYPE:
	CATALOG NO.
	PROJECT NAME:
	COMMENTS:
PREPARED BY:	

T1085LEDB

LED HIGHBAY



DIMENSIONS



FEATURES

USE OF PRODUCT

The intended use of this product is for interior warehouses, gymnasiums, food service areas, grocery stores, or any commercial or industrial applications.

CONSTRUCTION

Die-cast aluminum fixture with sealed lens for wet location applications.

FINISH

Bronze matt-finish, architectural powder coat over a precise chromate conversion coating. Consult factory for made to order architectural finishes

OPTICS

Available in clear prismatic acrylic or polished aluminum reflector. Optional conical drop lens or smooth flat lens available upon request.

ELECTRICAL

≥0.9 Power Factor
 <20% Total Harmonic Distortion
 120-277v, Optional 347/480V; 50/60hz
 -40°C Min. Temperature
 +45°C Max. Temperature
 CRI: 72

LED

Available in 5000K with CRI > 72. Optional photocell or motion sensor (consult factory for setting capabilities) available upon request for further energy savings and security measures.

MOUNTING

Standard hook mount. May be conduit mounted if remove hook (pendant may be provided by Rayon or others).

Driver

Durable and long lasting LED driver operates at 120-277V and boasts a 90% power factor at 50 to 60 Hz. Driver provides dual dimming: Triac (forward-phase or leading-edge)/ELV (reverse-phase or trailing-edge) and 0-10V Dimming Constant Current. Driver protections includes: Output open load, over-current and short-circuit, and over-temperature with auto recovery

IP66 Characteristics

Complete protection from dust, oil and other non-corrosive material.

WARRANTY

5 Year limited warranty

LISTING

UL-wet location
 DLC
 IP66 sealed LED compartment

MOUNTING OPTION



ORDERING INFO

T1085LEDB					
Series	Watt/lumens	Voltage	CCT	Housing Finish	Mounting
T-SERIES LED	140 - 140W/19000 lm 200 - 200W/26000 lm	UNI12 ¹ -120V-277V 347-347V 480-480V	50 ¹ - 5000K	BZ ¹ - Bronze	H ¹ - Hook SM ² - Stem Mount

1. Standard
 2. Consult factory for Stem mount lengths

PHOTOMETRICS

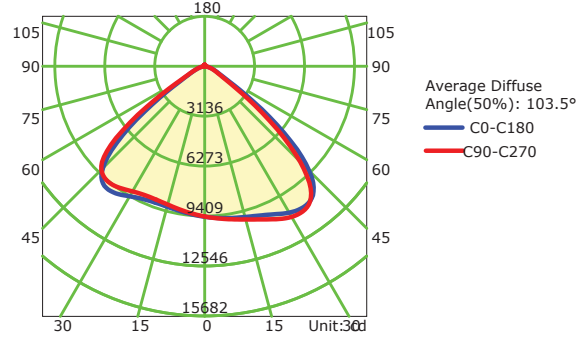
200W
120°

TEST DATE: 8Sep16
SERIES: T1085LEDB
LUMENS: 26012.3 lm
WATTS: 198.90

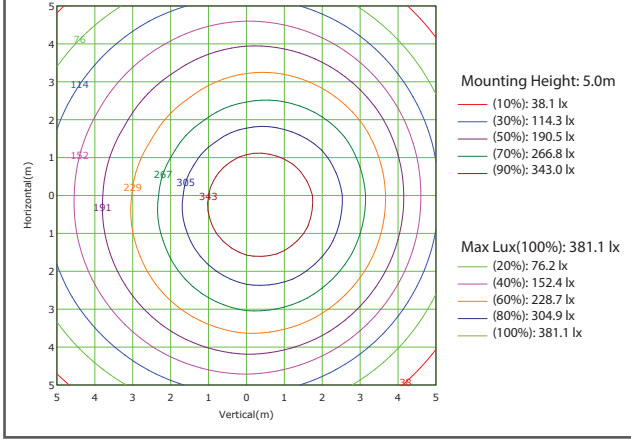
Photometric Results

CIE Class:	Direct
Measurement Flux:	26012.3 lm
Downward Ratio:	99%
Horizontal Diffuse Angle (10%,50%,75%,100%)	H126,H104.4,H96.3,H73
Vertical Diffuse Angle (10%,50%,75%,100%)	V125.4,V104.4,V96.5,V73
Luminaire Efficacy Rating (LER):	130.83
Max. Intensity:	11102.46 cd
S/MH (C0/C180):	1.64
Total Rated Lamp Lumens:	26012.3 lm
Efficiency:	100%
Upward Ratio:	1%
Central Intensity:	9453.66 cd
Pos of Max. Intensity:	H60 V34
S/MH (C90/C270):	1.62

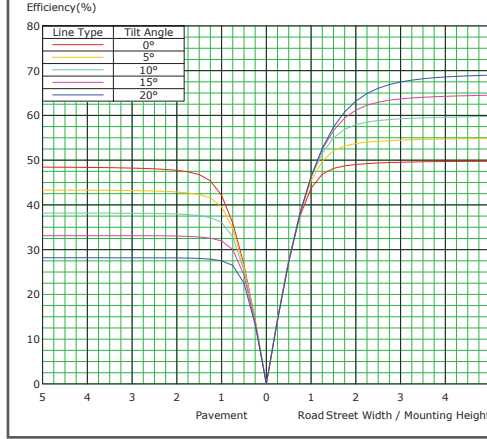
Luminous Intensity Distribution Curve



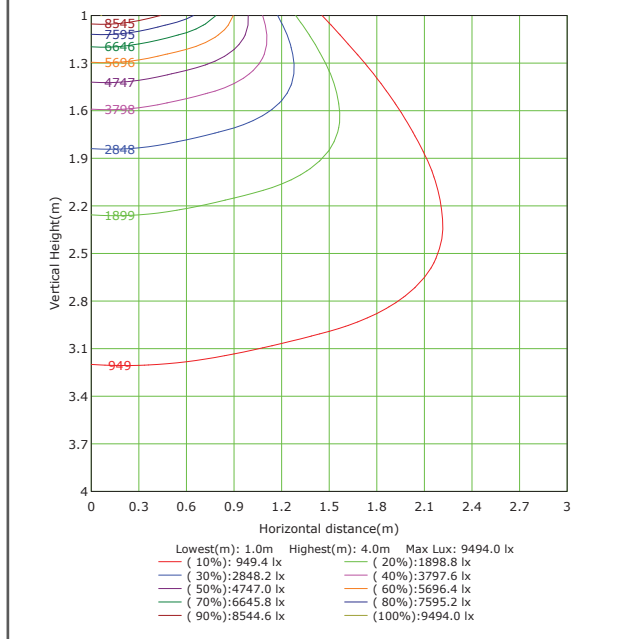
IsoLux Plot



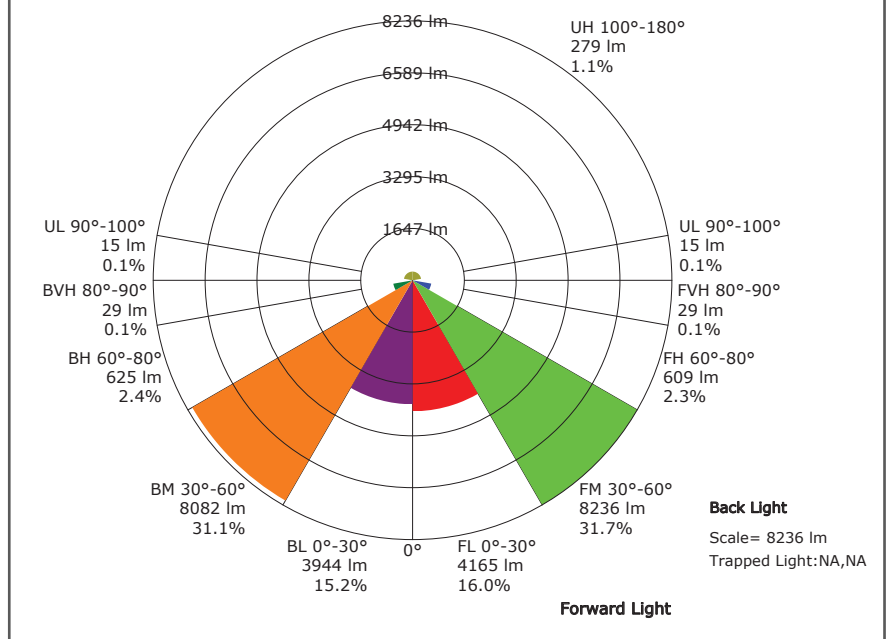
Roadway CU Curve



Vertical IsoLux Plot



Luminaire classification system (lcs) graph



Flux Distribution Table Based on the IESNA Luminaire Classification System

ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT		
FL (0°-30°)	13038	50.1
FL (0°-30°)	4165	16.0
FH (30°-60°)	8236	31.7
FH (60°-80°)	609	2.3
FVH (80°-90°)	29	0.1
BACK LIGHT		
BL (0°-30°)	12679	48.7
BL (0°-30°)	3944	15.2
BM (30°-60°)	8082	31.1
BH (60°-80°)	625	2.4
BVH (80°-90°)	29	0.1
UP LIGHT		
UL (90°-100°)	295	1.1
UL (90°-100°)	15	0.1
UH (100°-180°)	279	1.1
TRAPPED LIGHT	NA	NA

BUG (Backlight, Uplight, Glare) Rating Base On TM-15-07

Asymmetrical Luminaire Types (Type I,II,III,IV)	B4 U3 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B4 U3 G1