

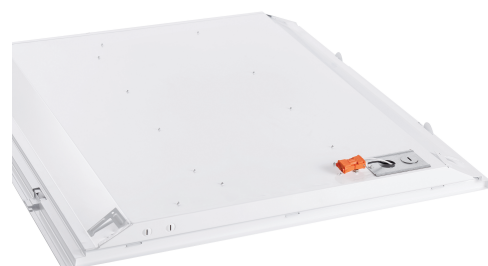


Project:

Date:

Prepared by:

Comments



FEATURES

- 5 Year Warranty
- Direct Replacement for **2x4 Fluorescent Troffers**
- Energy Savings of up to 30%
- Lumen Maintenance over 70% @ 50,000+ Hours
- 0-10V Dimmable; 10-100% Dimming Range
- Serviceable from the room side for ease of maintenance
- No UV/IR Radiation, No Toxic Mercury
- Positive Locking Cam Latches
- No Exposed Fasteners
- Die Formed of 24 Gauge Post Painted Steel

OPTICS

- Prismatic Lens
- CRI 82

APPLICATIONS

- Dropped Ceiling Application for General Lighting in Offices Facilities
- Retail Store Lighting
- Museums, Galleries, Showrooms
- Hotels, Hospitality Areas
- Hospitals, Clinics, Workrooms
- Corridors, Lobbies, Stairways, Conference Rooms
- School, College, University Lighting

CERTIFICATIONS

- UL Listed for Damp Locations
- DLC Listed for Rebate and Tax Incentive Programs
- IC rated
- Complies with FCC part 15 subpart B, which makes this product suitable for commercial and residential applications.

SPECIFICATIONS

Part Number: **EVTR22BL20PD**

Warranty: 5 Years
Kelvin Temperature (CCT): 4000K
Wattage: 20 W
Lumens: 2350 lm
Efficacy: 117 lm/w
CRI: 82
Dimmable: 0-10V Dimming
Input Voltage: AC 120~277V

Certifications: UL Listed
DLC Listed: Yes
Expected Life: 50,000 hrs
Max. Ambient Temperature: 113°F
Min. Ambient Temperature: 0°F
Power Factor: 0.90
THD: <20%

TECHNICAL

Product Weight: 8.0 lbs
Product Length: 23.8"
Product Height: 1.77"

Product Width: 23.8"
LED Beam Angle: 120° deg.





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Luminaire Photometric Report

Filename: TRS22BL20PD

Manufacturer: Cordelia Lighting Inc.

Luminaire: 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

Luminaire Cat: TRS22BL20PD

Lamp Output: Total luminaire Lumens: 2826.4

Max Candela: 1,045.7 at Horizontal: 292.5°, Vertical: 1°

Input Wattage: 20.3

Luminous Opening: Rectangle (L: 21.65", W: 21.65")

Test: 4789862964_1

Test Date: 3/25/2021

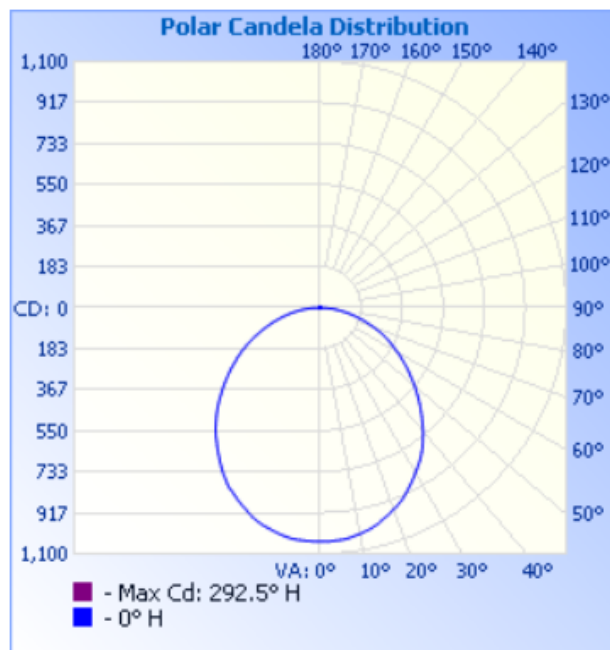
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.

Photometry : Type C

CIE Class: Direct

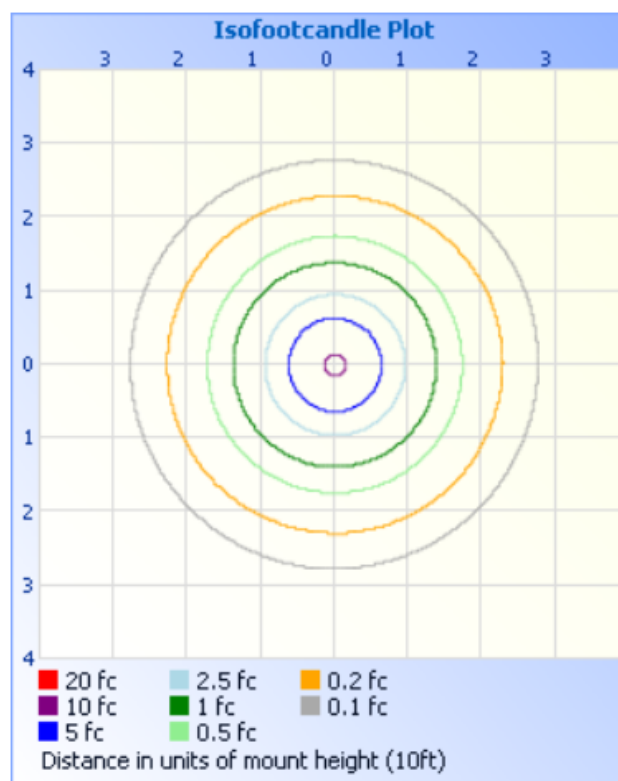
Cutoff Class: Cutoff

Nema Type: 7 X 7



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	800.3	28.3%
0-40	1,293.2	45.8%
0-60	2,218.7	78.5%
60-90	601.1	21.3%
70-100	275.6	9.8%
90-120	3.0	0.1%
0-90	2,819.8	99.8%
90-180	6.6	0.2%
0-180	2,826.4	100%



Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	362 fc	4.4 ft	4.4 ft
3.3ft	96.0 fc	8.6 ft	8.5 ft
5.0ft	41.8 fc	13.1 ft	12.9 ft
6.7ft	23.3 fc	17.5 ft	17.3 ft
8.3ft	15.2 fc	21.7 ft	21.5 ft
10.0ft	10.4 fc	26.1 ft	25.9 ft

■ Vert. Spread: 105.1°
■ Horiz. Spread: 104.6°