

SUBJECT SPECIFICATION SHEET**CUSTOMER PROJECT**

Project: _____
Type: _____
Cat. No.: _____
Qty: _____
Date: _____
EEL Rep: _____



Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872



TC LED DECORATIVE TROFFER II

DESCRIPTION

The designer centre basket troffer recess LED offers standard efficiency without aesthetic compromise. This LED luminaire offers exceptional quality and reliable performance.

TROFFER SERIES

TC LED Decorative Troffer II

Wattage(s) 30W, 40W

Voltage 120-347V

Dimmable 0-10V

CRI >80

Efficacy Up to 130lm/W

Lumen Maintenance
Theoretical
L70 = 1,060,400h
Lumen maintenance
at 36,000 hrs =
99.37%

Operating Temperature -40°C to 45°C

Inherent Surge Protection 3kV

Max Dimming Source Current 2.42mA

SPECIFICATION FEATURES

Construction

- 24-gauge steel
- 2 earthquake T-bar hooks for 2x2
- 4 earthquake T-bar hooks for 1x4 and 2x4

Driver and Module Access

- Driver is located on the back of the fixture

Finish

- White, powder-coated, high-adhesion paint
- Corrosion-resistant

Shielding

- PC (polycarbonate) lens

Mounting

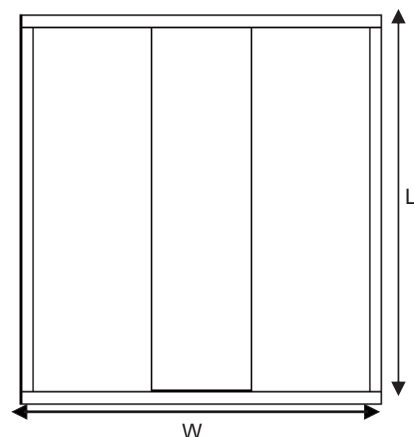
- Grid Mount (Standard)
- Recessed Mount (Optional)

Compliance

- IP 20
- DLC
- cUL
- The basic standard used to investigate products that are UL 1598 ("Luminaires") certified, also conforms to CSA-C22.2 No. 250.0 ("Luminaires").

Warranty

- 5-Year Warranty (Standard)
- 10-Year Limited Warranty (Optional)



TC-II-22-30W

Dimensions

mm | 602(L) x 602(W) x 66(H)
inch | 23.7(L) x 23.7(W) x 2.6(H)



TC-II-14-30W

Dimensions

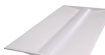
mm | 1212(L) x 299.7(W) x 66(H)
inch | 47.7(L) x 11.8(W) x 2.6(H)

TC-II-24-40W

Dimensions

mm | 1212(L) x 602(W) x 66(H)
inch | 47.7(L) x 23.7(W) x 2.6(H)

ORDERING CODE, ENERGY AND PERFORMANCE DATA

	Model No.	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (lm/W)	Certification
	TC-II-14-30W35K-MV	3941	30	120-347	3500K	131	
	TC-II-14-30W40K-MV	4000	30	120-347	4000K	133	
	TC-II-22-30W35K-MV	3395	29	120-347	3500K	117	
	TC-II-22-30W40K-MV	3422	29	120-347	4000K	118	
	TC-II-22-30W50K-MV	3447	29	120-347	5000K	118	
	TC-II-24-40W35K-MV	4371	36	120-347	3500K	120	
	TC-II-24-40W40K-MV	4356	36	120-347	4000K	121	
	TC-II-24-40W50K-MV	4391	36	120-347	5000K	121	

NOTE:

- Lumens are estimated
- DLC qualified may not apply to all versions within a model. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

OPTIONAL ACCESSORIES

DISCONNECT2P | UL and CSA listed, Luminaire disconnect, 2-pole, 6A, 600V
 TFK-1x4 (slight difference in color between the kit and fixture) | Flange Kit for 1x4 Troffer
 TFK-2x2 (slight difference in color between the kit and fixture) | Flange Kit for 2x2 Troffer
 TFK-2x4 (slight difference in color between the kit and fixture) | Flange Kit for 2x4 Troffer

SPECIFICATION SHEET CONTINUED

Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

Filename: TC-II-22-30W-35K-MV

Manufacturer: EE LIGHTING

Luminaire: 3576-1

Luminaire Cat: TC-II-22-30W-35K-MV

Lamp Output: Total luminaire Lumens: 3378.9

Max Candela: 1,228.4 at Horizontal: 180°, Vertical: 2.5°

Input Wattage: 29.41

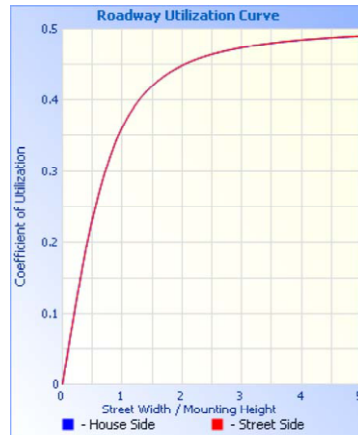
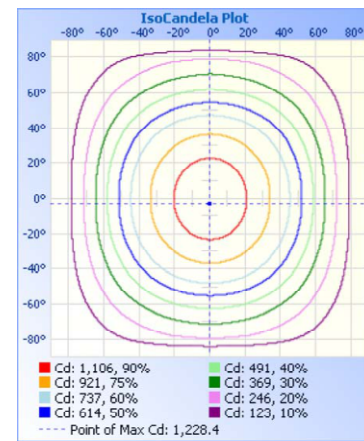
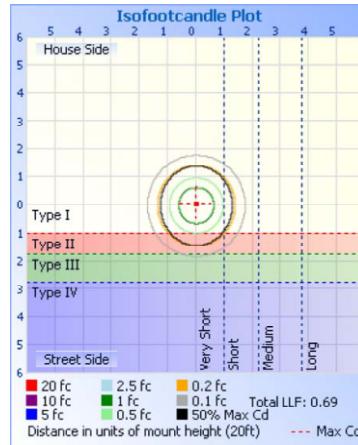
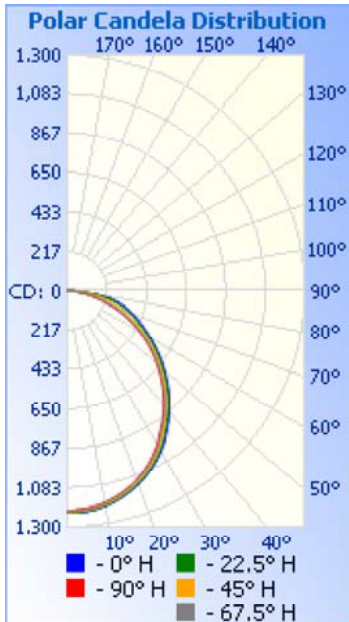
Luminous Opening: Rectangle w/Luminous Sides (L: 24", W: 24", H: 4")

Test: 3642

Test Lab: TUV SUD America

Photometry: Type C

Nema Type: 7 X 7



Filename: TC-II-22-30W40K-MV

Luminaire: TC-II-22-30W40K-MV 1252

Lamp: 4000K

Lamp Cat: 2835

Lamp Output: 1 lamp, rated Lumens/lamp: 3750

Max Candela: 1,289.0 at Horizontal: 0°, Vertical: 5°

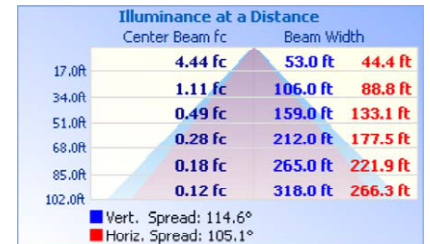
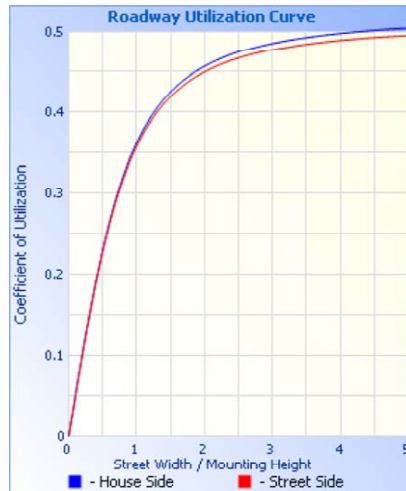
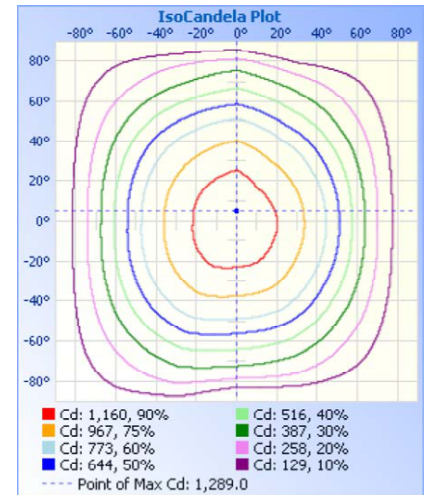
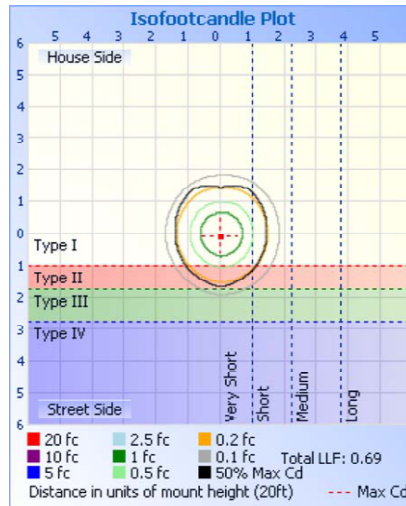
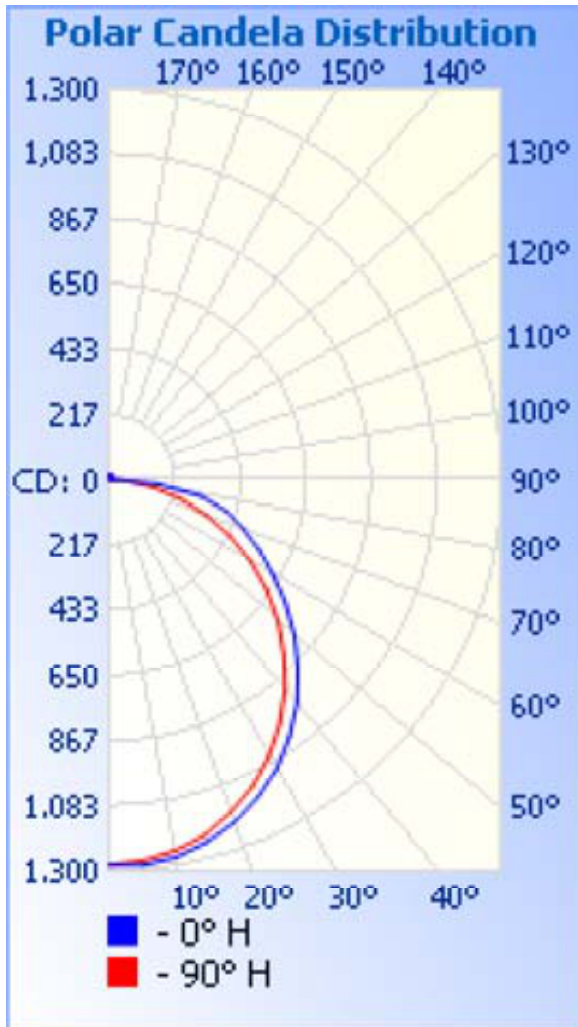
Input Wattage: 31.99

Luminous Opening: Rectangle w/Luminous Sides (L: 23.62", W: 23.62", H: 3.94")

Test Date: 2018/10/27

Photometry: Type C

Nema Type: 7 X 7



Filename: TC-II-24-40W-35K-MV

Manufacturer: EE LIGHTING

Luminaire: 3577-1

Luminaire Cat: TC-II-24-40W-35K-MV

Lamp Output: Total luminaire Lumens: 4363.5

Max Candela: 1,553.1 at Horizontal: 0°, Vertical: 2.5°

Input Wattage: 36.64

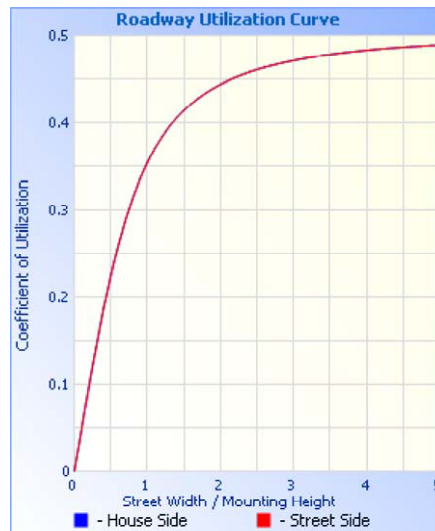
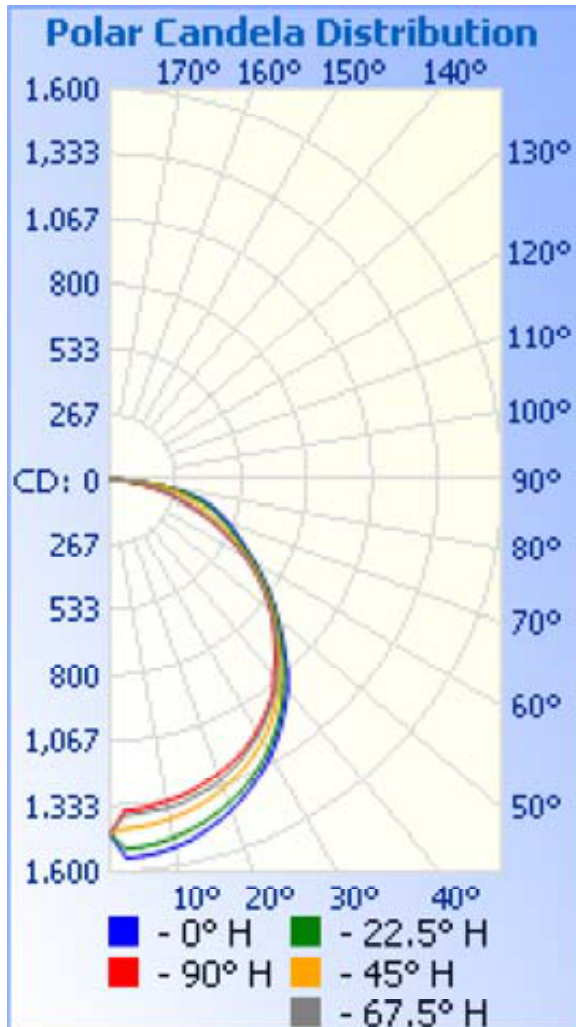
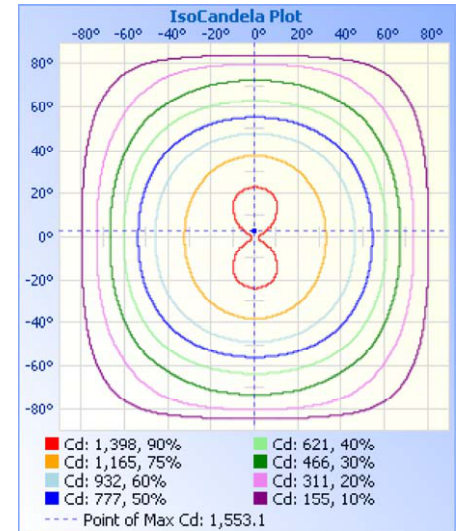
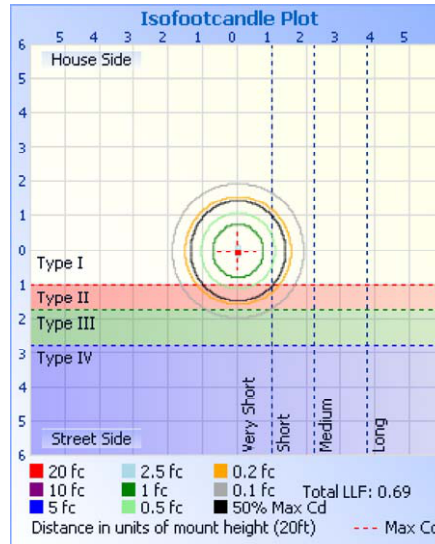
Luminous Opening: Rectangle w/Luminous Sides (L: 24", W: 48", H: 4")

Test: 3643

Test Lab: TUV SUD America

Photometry : Type C

Nema Type: 7 X 7



Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	5.03 fc	49.6 ft	46.9 ft
34.0ft	1.26 fc	99.2 ft	93.8 ft
51.0ft	0.56 fc	148.8 ft	140.7 ft
68.0ft	0.31 fc	198.4 ft	187.6 ft
85.0ft	0.20 fc	248.0 ft	234.5 ft
102.0ft	0.14 fc	297.6 ft	281.4 ft

■ Vert. Spread: 111.1°
■ Horiz. Spread: 108.1°

Filename: TC-II-22-30W50K-MV

Luminaire: TC-II-22-30W50K-MV 1253

Lamp: 5000K

Lamp Cat: 2835

Lamp Output: 1 lamp, rated Lumens/lamp: 3750

Max Candela: 1,261.5 at Horizontal: 0°, Vertical: 5°

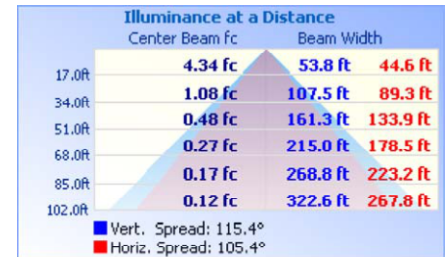
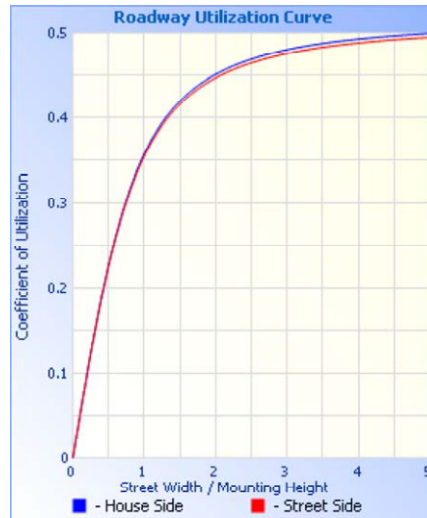
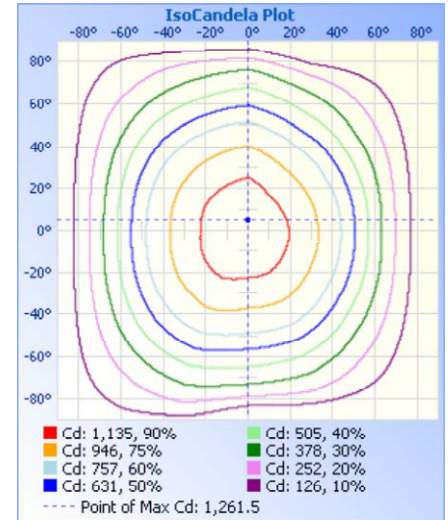
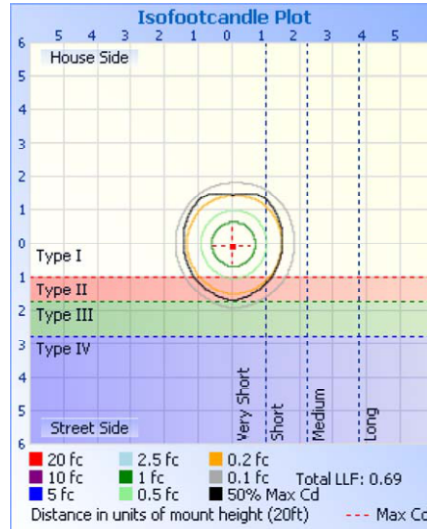
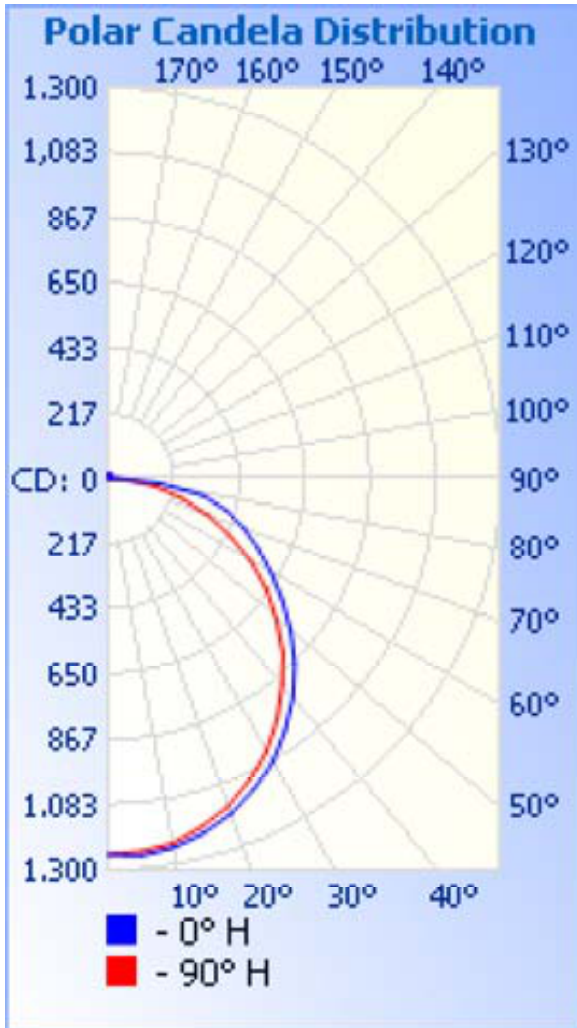
Input Wattage: 32.04

Luminous Opening: Rectangle w/Luminous Sides (L: 23.62", W: 23.62", H: 3.94")

Test Date: 2018/10/27

Photometry: Type C

Nema Type: 7 X 7



Filename: TC-II-24-40W40K-MV

Luminaire: TC-II-24-40W40K-MV 1255

Lamp: 4000K

Lamp Cat: 2835

Lamp Output: 1 lamp, rated Lumens/lamp: 5000

Max Candela: 1,633.7 at Horizontal: 0°, Vertical: 5°

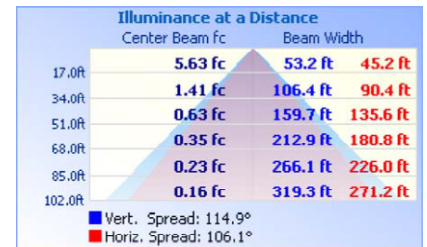
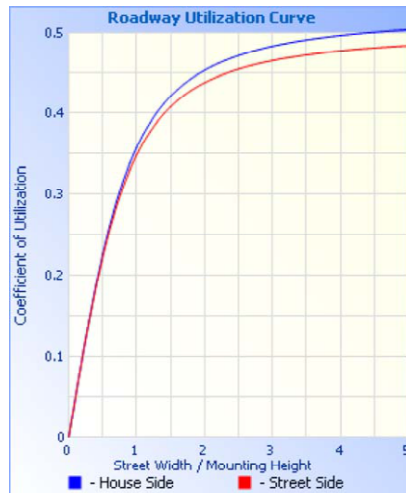
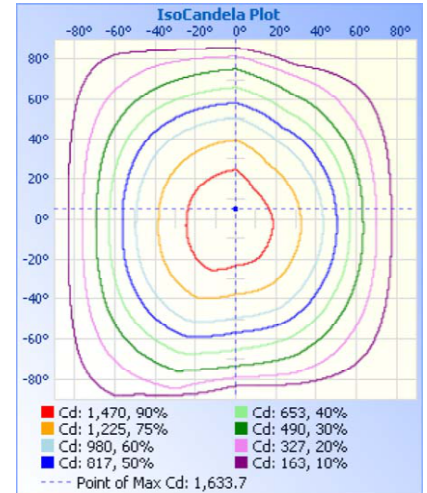
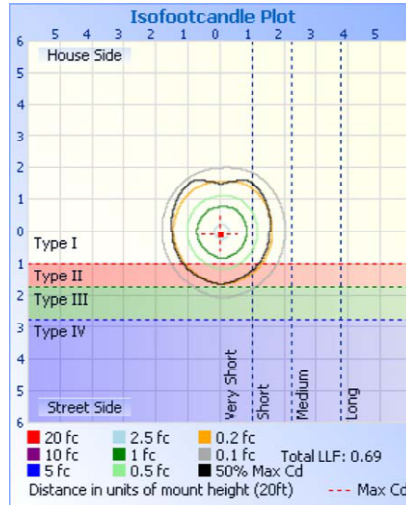
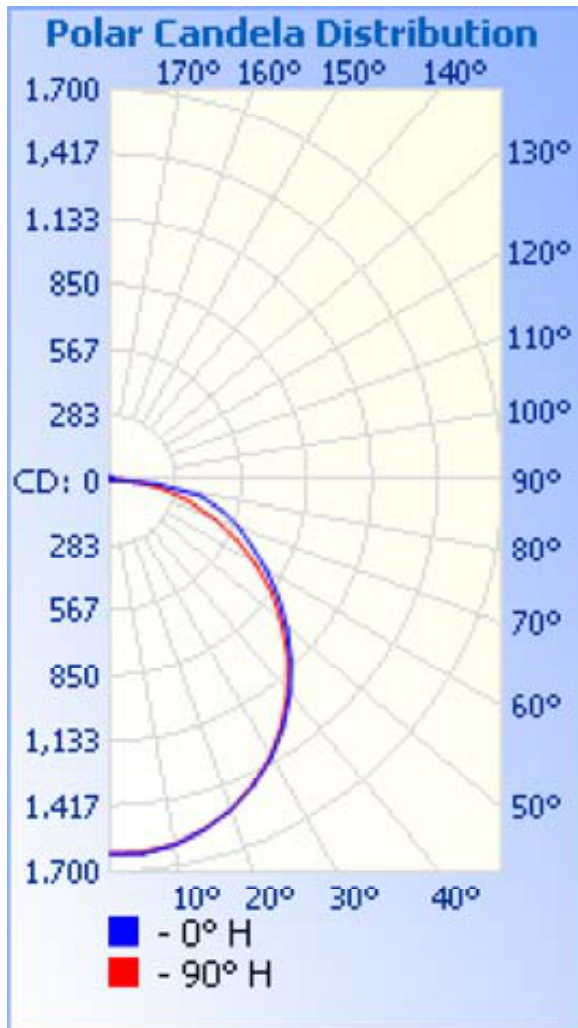
Input Wattage: 37.78

Luminous Opening: Rectangle w/Luminous Sides (L: 47.24", W: 23.62", H: 3.94")

Test Date: 2018/10/27

Photometry: Type C

Nema Type: 7 X 7



Filename: TC-II-24-40W50K-MV

Luminaire: TC-II-24-40W50K-MV 1256

Lamp: 5000K

Lamp Cat: 2835

Lamp Output: 1 lamp, rated Lumens/lamp: 5000

Max Candela: 1,583.6 at Horizontal: 0°, Vertical: 5°

Input Wattage: 37.41

Luminous Opening: Rectangle w/Luminous Sides (L: 47.24", W: 23.62", H: 3.94")

Test Date: 2018/10/27

Photometry: Type C

Nema Type: 6 X 7

