

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P197963

Luminaire Tested: **TT-C6-LED-E1-RW-PM-LWR-LW-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P197963
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34693)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-C6-LED-E1-RW-PM-LWR-LW-7050
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH LumaWatt WIRELESS SENSOR
Light Source: (160) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8809.3 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 108
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

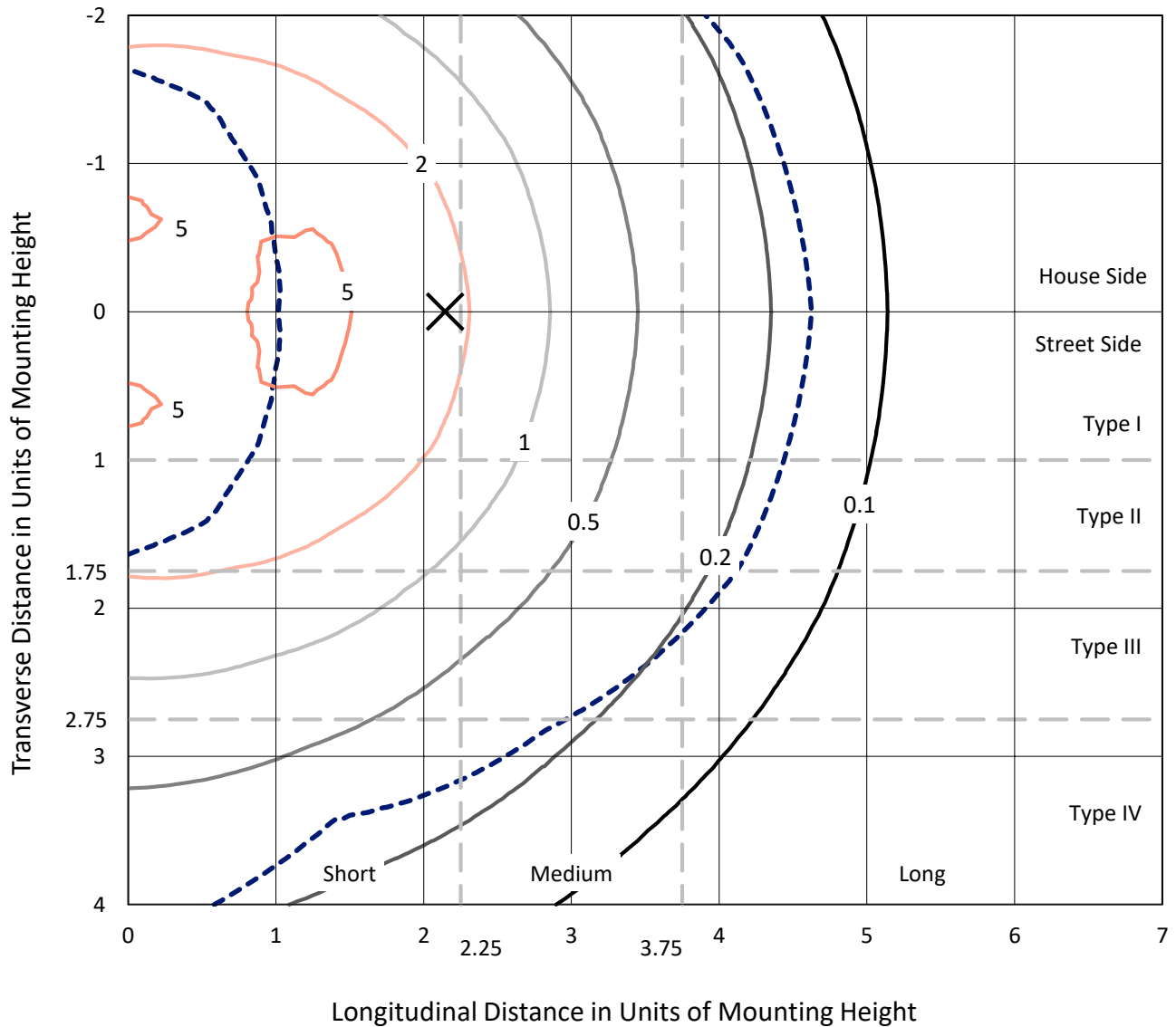


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

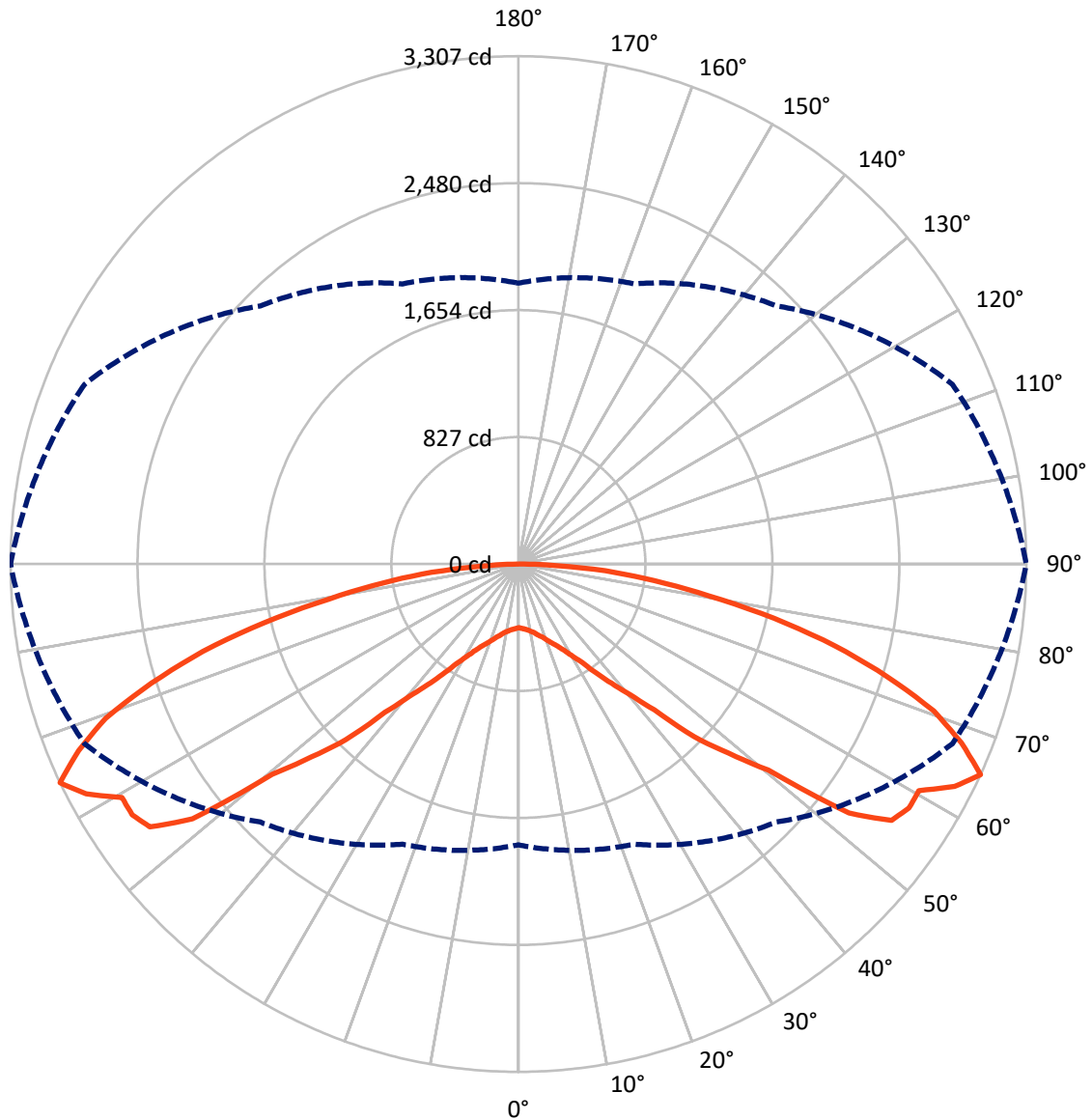


Based on 10 foot mounting height. Maximum calculated value = 5.9 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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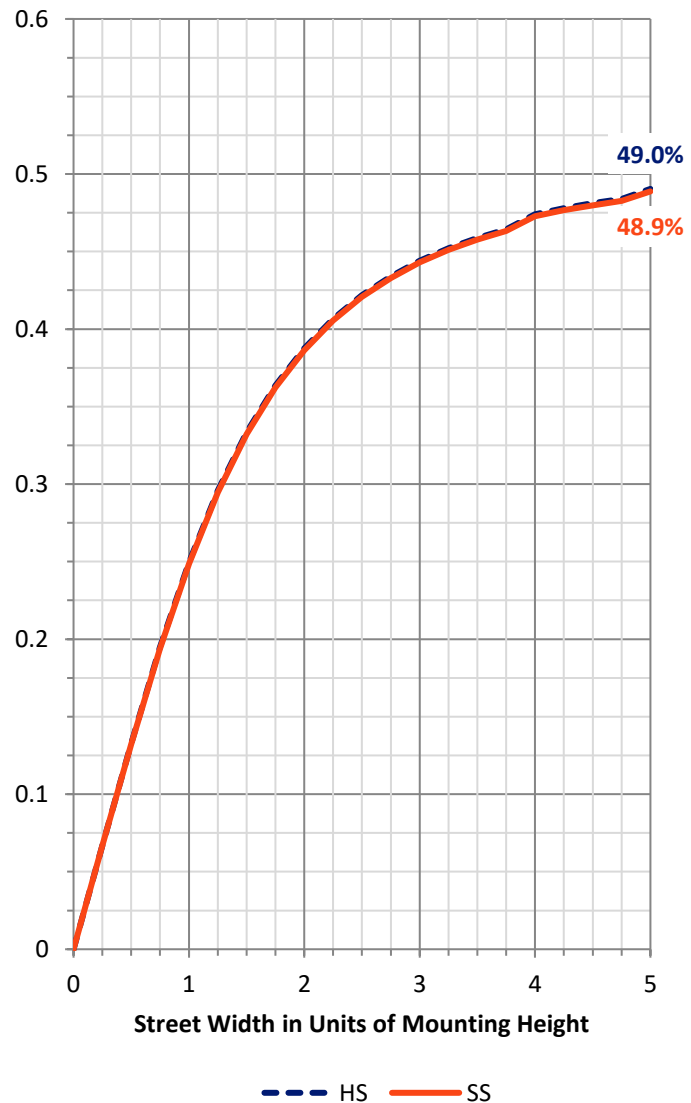
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4404.6	0.0	4404.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4404.6	0.0	4404.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	8809.3	0.0	8809.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	0.5
10°-20°	140.6	1.6
20°-30°	295.3	3.4
30°-40°	561.4	6.4
40°-50°	1043.5	11.8
50°-60°	1849.3	21.0
60°-70°	2401.9	27.3
70°-80°	1913.1	21.7
80°-90°	562.8	6.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8809.3	100.0
0°-180°	8809.3	100.0



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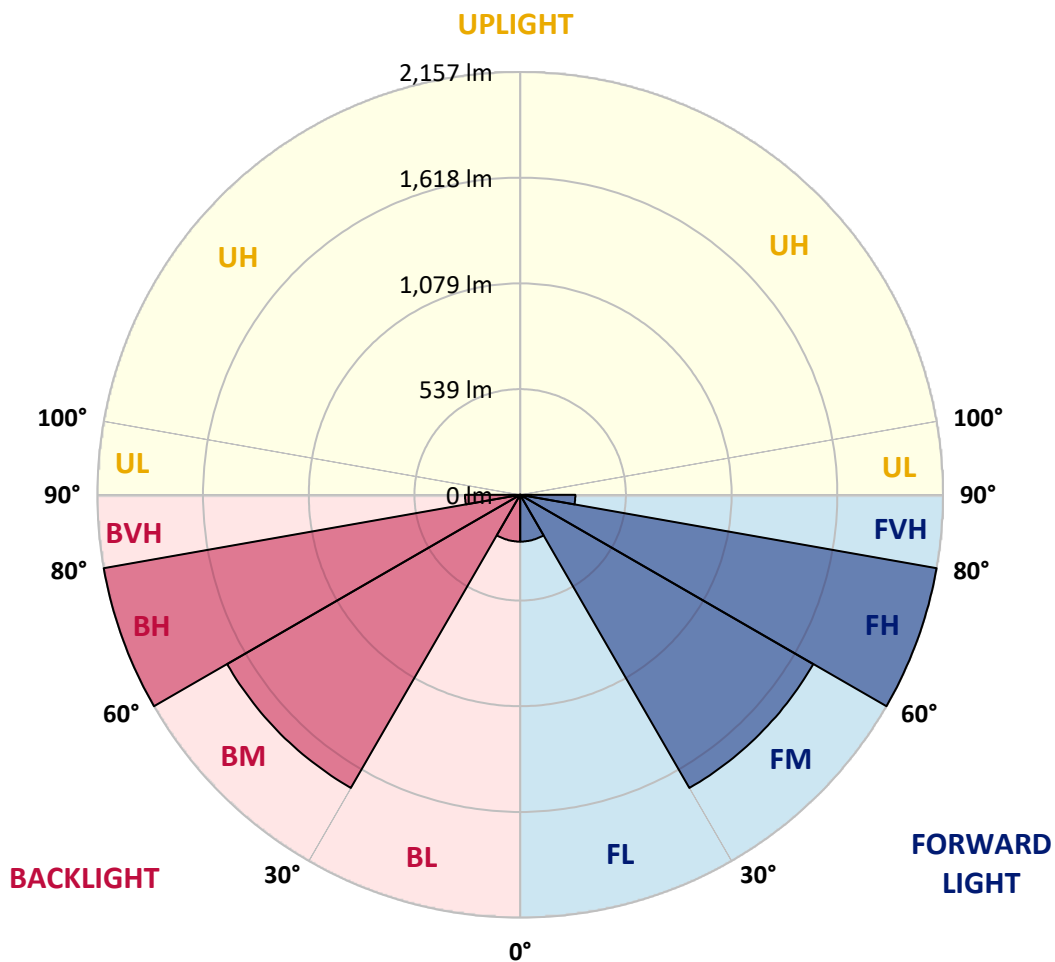
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	238.6	2.7			
FM	(30°-60°)	1727.1	19.6			
FH	(60°-80°)	2157.5	24.5			G2/5000
FVH	(80°-90°)	281.4	3.2			G3/500
BL	(0°-30°)	238.6	2.7	B1/500		
BM	(30°-60°)	1727.1	19.6	B2/2500		
BH	(60°-80°)	2157.5	24.5	B3/2500		G3/2500
BVH	(80°-90°)	281.4	3.2			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	413.9	413.9	413.9	413.9	413.9
2.5°	417.8	417.8	419.7	419.7	419.7
5°	425.5	425.5	427.5	427.5	425.5
7.5°	435.2	439.1	437.2	433.3	433.3
10°	450.8	452.7	448.9	446.9	445.0
12.5°	470.2	472.2	464.4	462.5	458.6
15°	497.4	495.5	487.7	479.9	479.9
17.5°	534.3	522.7	509.1	503.3	499.4
20°	577.1	561.5	544.1	530.5	528.5
22.5°	625.7	604.3	581.0	561.5	559.6
25°	672.3	654.8	625.7	600.4	592.6
27.5°	722.8	709.2	672.3	643.2	637.3
30°	781.1	769.5	726.7	699.5	697.6
32.5°	849.1	833.6	786.9	767.5	765.6
35°	930.7	901.6	860.8	847.2	870.5
37.5°	1008.5	975.4	942.4	965.7	985.1
40°	1076.5	1055.1	1039.5	1088.1	1115.3
42.5°	1142.5	1130.9	1142.5	1214.4	1298.0
45°	1212.5	1216.4	1259.1	1455.4	1605.0
47.5°	1294.1	1296.0	1397.1	1698.2	1840.1
50°	1383.5	1381.5	1560.3	1880.9	2108.2
52.5°	1470.9	1478.7	1723.5	2273.4	2695.0
55°	1548.6	1591.4	1945.0	2667.8	2947.6
57.5°	1616.6	1698.2	2152.9	2784.4	2998.2
60°	1690.5	1826.5	2298.7	2807.7	2996.2
62.5°	1762.4	1927.5	2329.7	2910.7	3188.6
65°	1828.4	1974.2	2376.4	3058.4	3307.1
67.5°	1882.8	1997.5	2376.4	2930.2	3110.9
70°	1927.5	1968.3	2238.4	2698.9	2869.9
72.5°	1917.8	1847.9	2011.1	2415.2	2514.3
75°	1826.5	1636.1	1772.1	2032.5	2131.6
77.5°	1597.2	1369.9	1443.7	1638.0	1702.1
80°	1264.9	1068.7	1111.4	1235.8	1255.2
82.5°	891.9	767.5	783.1	878.3	891.9
85°	524.6	472.2	456.6	542.1	569.3
87.5°	155.4	136.0	134.1	163.2	180.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)