

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: P198130

Luminaire Tested: **TT-C6-LED-E1-RW-PM-SG-MS/DIM**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198130
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34700)
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-SG-MS/DIM
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH SOFTENING GLASS LENS AND DIMMING OCCUPANCY
SENSOR
Light Source: (160) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9038.1 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type III - Short - Full 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

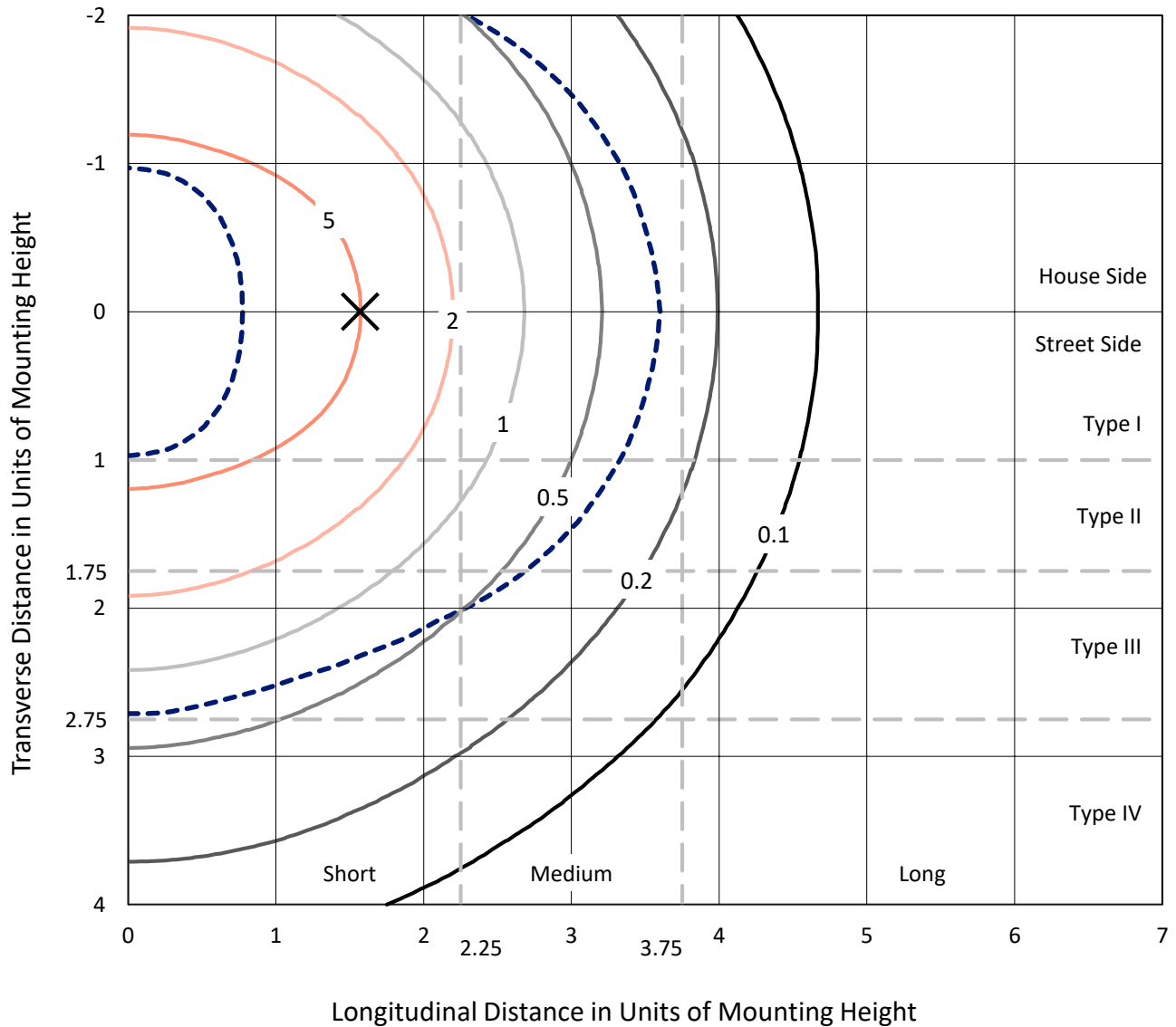


REPORT NUMBER: P198130

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-SG-MS/DIM

Iso-Footcandle Lines of Horizontal Illumination

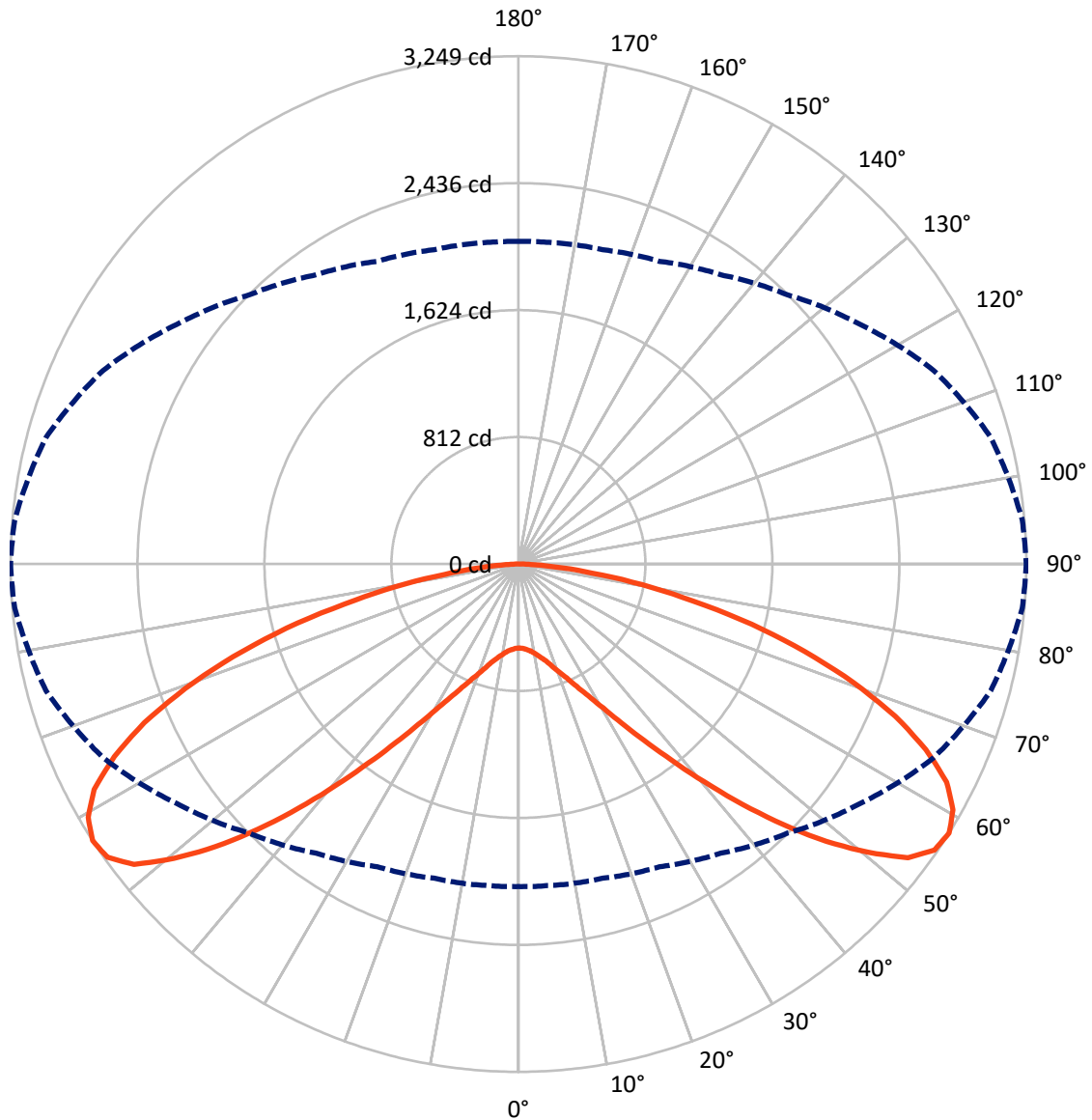
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.4 fc
 Type III - Short - Full Cutoff

REPORT NUMBER: P198130
CATALOG NUMBER: TT-C6-LED-E1-RW-PM-SG-MS/DIM

Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P198130

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-SG-MS/DIM

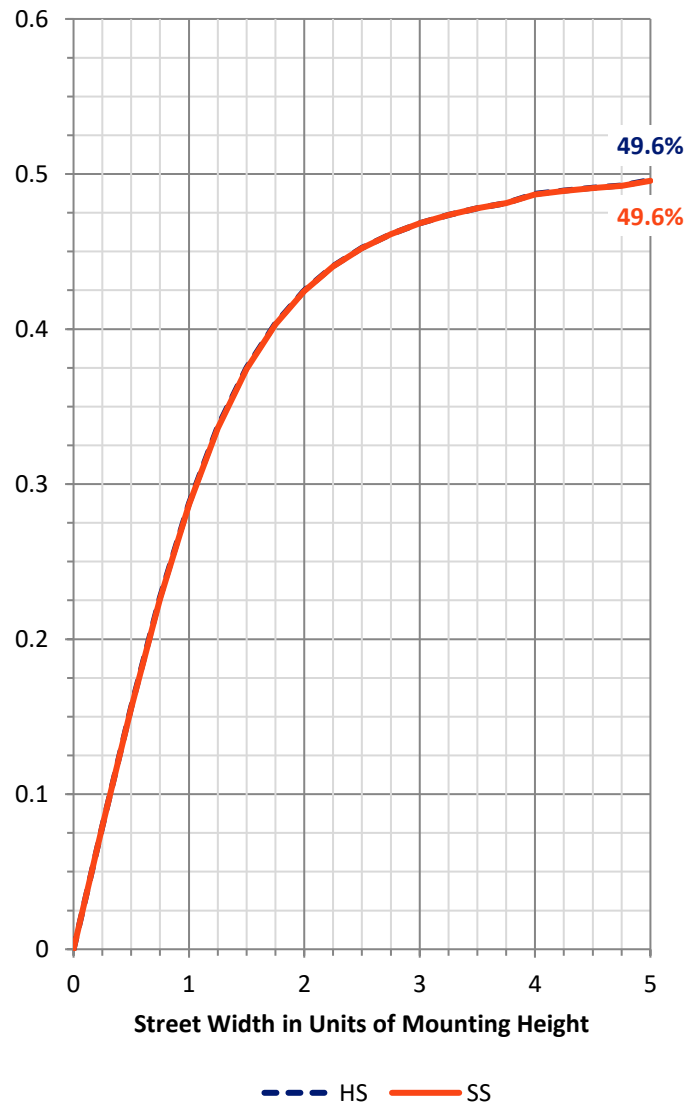
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4519.0	0.0	4519.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4519.0	0.0	4519.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9038.1	0.0	9038.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.4	0.6
10°-20°	184.6	2.0
20°-30°	402.6	4.5
30°-40°	808.1	8.9
40°-50°	1509.2	16.7
50°-60°	2222.7	24.6
60°-70°	2239.2	24.8
70°-80°	1336.7	14.8
80°-90°	281.6	3.1
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°	9038.1	100.0
0°-180°	9038.1	100.0

Coefficient of Utilization



REPORT NUMBER: P198130

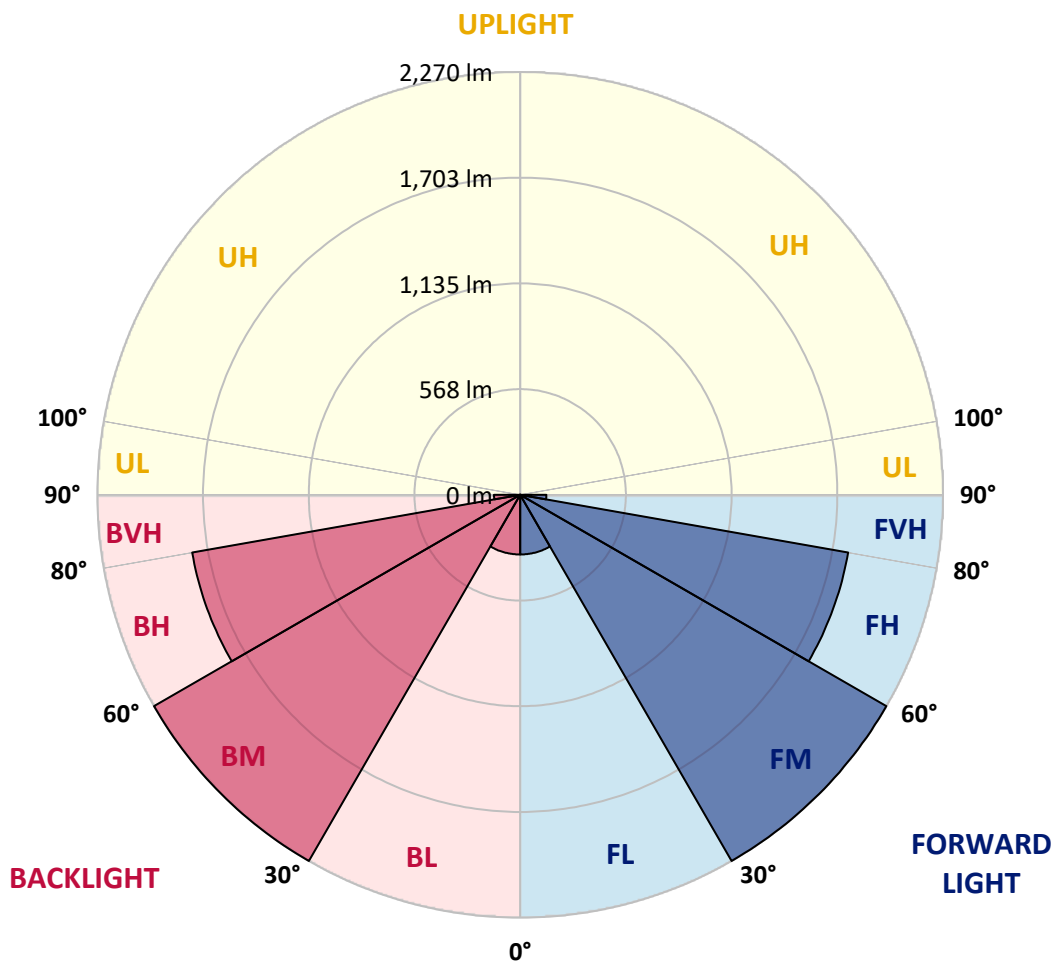
CATALOG NUMBER: TT-C6-LED-E1-RW-PM-SG-MS/DIM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	320.2	3.5			
FM	(30°-60°)	2270.0	25.1			
FH	(60°-80°)	1788.0	19.8			G1/1800
FVH	(80°-90°)	140.8	1.6			G2/225
BL	(0°-30°)	320.2	3.5	B1/500		
BM	(30°-60°)	2270.0	25.1	B2/2500		
BH	(60°-80°)	1788.0	19.8	B3/2500		G3/2500
BVH	(80°-90°)	140.8	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short





REPORT NUMBER: P198130

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-SG-MS/DIM

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	537.5	537.5	537.5	537.5	537.5	537.5	537.5	537.5	537.5	537.5	537.5
2.5°	541.4	541.4	541.4	541.4	541.4	539.4	541.4	539.4	539.4	539.4	539.4
5°	547.3	547.3	547.3	549.3	549.3	549.3	549.3	547.3	549.3	547.3	549.3
7.5°	561.0	561.0	561.0	561.0	561.0	561.0	563.0	561.0	563.0	561.0	561.0
10°	578.7	578.7	578.7	578.7	580.6	580.6	580.6	582.6	582.6	582.6	582.6
12.5°	604.2	604.2	604.2	604.2	604.2	604.2	606.1	606.1	608.1	608.1	608.1
15°	637.5	637.5	635.6	635.6	635.6	637.5	637.5	641.5	639.5	639.5	639.5
17.5°	678.7	676.8	676.8	676.8	676.8	676.8	676.8	680.7	680.7	680.7	682.6
20°	723.8	727.8	725.8	721.9	721.9	721.9	723.8	727.8	727.8	733.7	735.6
22.5°	786.6	788.6	784.7	782.7	776.8	776.8	782.7	784.7	792.5	790.5	792.5
25°	853.3	851.3	849.4	845.5	845.5	845.5	849.4	855.3	861.2	867.0	867.0
27.5°	927.9	925.9	923.9	922.0	918.0	923.9	927.9	941.6	945.5	959.2	955.3
30°	1010.2	1012.2	1008.3	1006.3	1004.4	1006.3	1022.0	1041.6	1057.3	1067.1	1069.1
32.5°	1102.4	1104.4	1102.4	1098.5	1102.4	1112.2	1131.9	1157.4	1188.8	1206.4	1212.3
35°	1204.4	1208.4	1204.4	1208.4	1212.3	1229.9	1265.3	1304.5	1359.4	1375.1	1384.9
37.5°	1314.3	1310.4	1308.4	1314.3	1331.9	1369.2	1418.3	1486.9	1543.8	1590.9	1590.9
40°	1424.1	1426.1	1428.1	1428.1	1461.4	1512.4	1592.8	1685.0	1769.4	1830.2	1832.2
42.5°	1541.8	1541.8	1541.8	1559.5	1600.7	1681.1	1785.1	1920.4	2036.2	2093.1	2100.9
45°	1661.5	1669.4	1673.3	1696.8	1757.6	1859.6	1996.9	2159.8	2306.9	2383.4	2379.5
47.5°	1779.2	1789.0	1796.9	1832.2	1914.6	2024.4	2195.1	2391.2	2558.0	2644.3	2652.1
50°	1900.8	1894.9	1910.6	1953.8	2046.0	2187.2	2369.7	2595.2	2785.5	2891.4	2899.3
52.5°	1981.3	1979.3	1995.0	2040.1	2148.0	2306.9	2516.8	2773.8	2979.7	3089.6	3121.0
55°	2038.1	2036.2	2053.8	2106.8	2224.5	2393.2	2620.7	2891.4	3099.4	3213.2	3228.9
57.5°	2063.6	2065.6	2081.3	2136.2	2257.8	2434.4	2669.8	2930.7	3128.8	3234.7	3248.5
60°	2059.7	2061.7	2075.4	2128.4	2248.0	2418.7	2646.2	2891.4	3079.8	3177.8	3193.5
62.5°	2018.5	2016.6	2028.3	2073.4	2179.4	2338.3	2556.0	2787.5	2966.0	3056.2	3073.9
65°	1932.2	1930.2	1930.2	1969.5	2059.7	2195.1	2401.0	2607.0	2773.8	2860.1	2864.0
67.5°	1791.0	1791.0	1787.0	1810.6	1877.3	2008.7	2185.3	2373.6	2508.9	2589.4	2601.1
70°	1600.7	1604.6	1590.9	1604.6	1659.5	1763.5	1920.4	2071.5	2177.4	2269.6	2275.5
72.5°	1392.8	1377.1	1371.2	1375.1	1416.3	1483.0	1618.3	1745.9	1843.9	1906.7	1918.5
75°	1124.0	1124.0	1120.1	1114.2	1137.7	1204.4	1294.7	1398.6	1481.0	1524.2	1539.9
77.5°	861.2	869.0	857.2	857.2	874.9	925.9	1004.4	1061.2	1120.1	1149.5	1141.7
80°	612.0	610.1	604.2	600.3	619.9	649.3	712.1	745.4	763.1	790.5	802.3
82.5°	378.6	382.5	388.4	370.7	378.6	406.1	439.4	457.1	464.9	476.7	474.7
85°	186.4	188.3	190.3	192.2	192.2	202.0	221.7	229.5	235.4	241.3	237.4
87.5°	68.7	64.7	62.8	62.8	62.8	64.7	74.5	72.6	76.5	76.5	80.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)