

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: P198104

Luminaire Tested: **TT-C5-LED-E1-RW-PM-SG-LWR-LW-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198104
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34701)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-C5-LED-E1-RW-PM-SG-LWR-LW-7060
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH SOFTENING GLASS LENS AND LumaWatt WIRELESS SENSOR
Light Source: (160) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6527.2 lumens
Efficiency: N/A
Efficacy: 84.8 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): 77
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

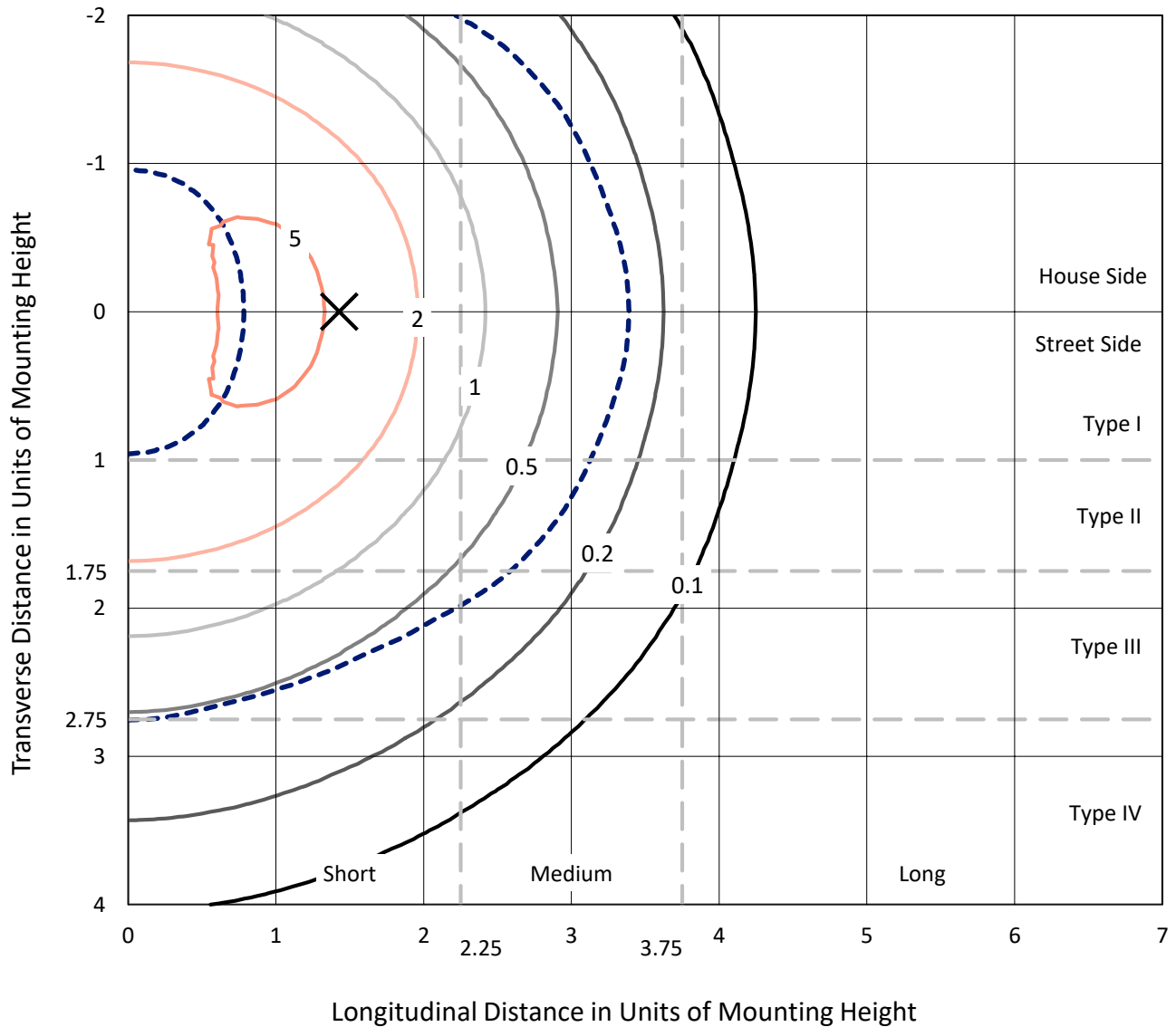


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

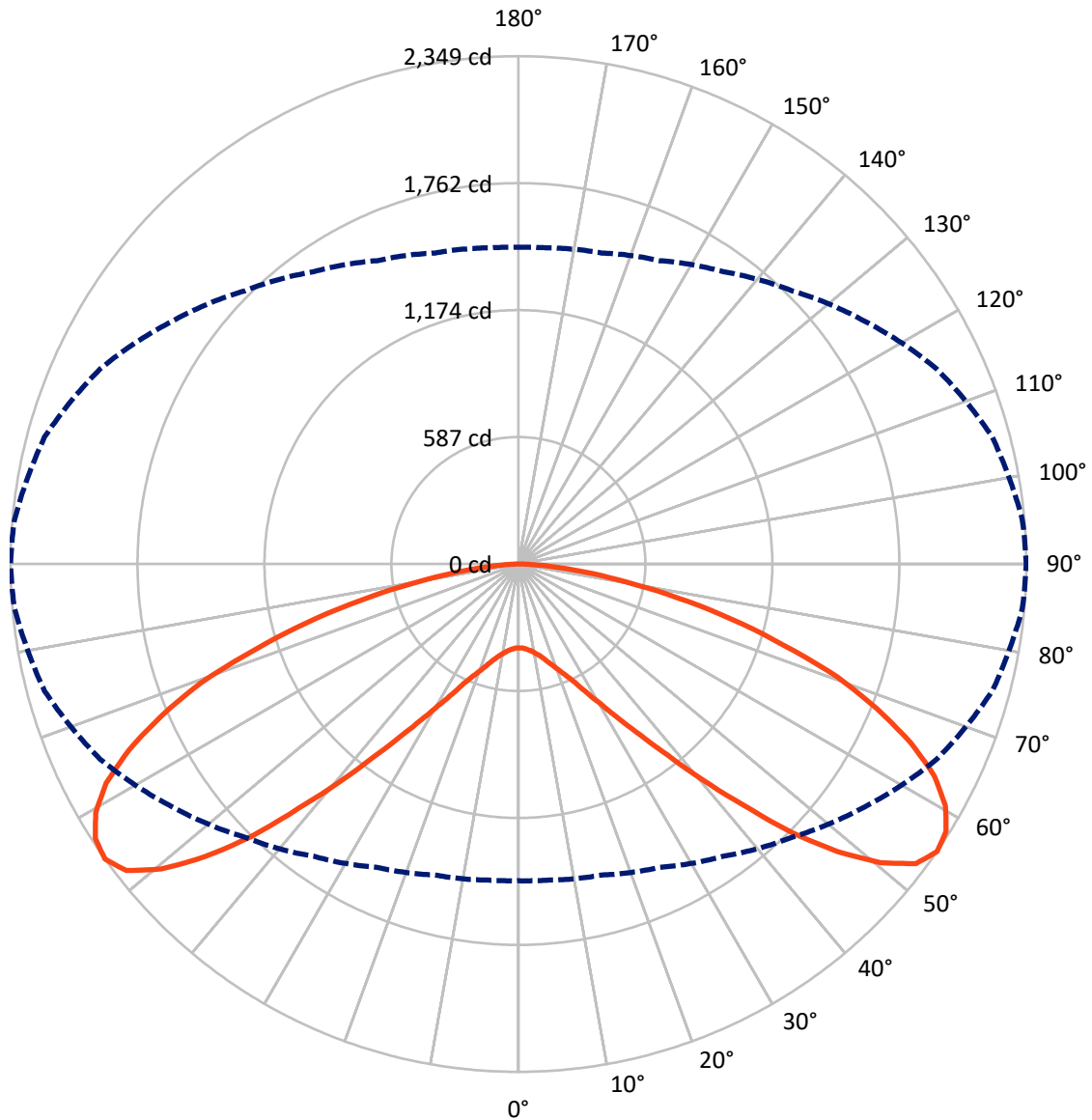


Based on 10 foot mounting height. Maximum calculated value = 6.3 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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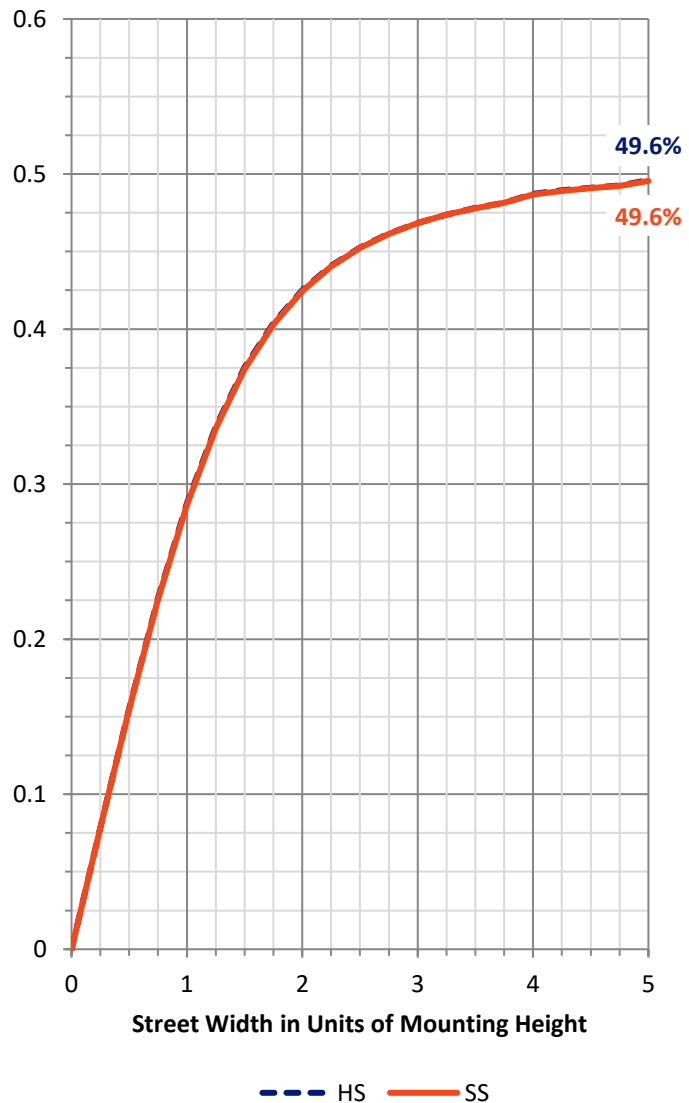
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3263.6	0.0	3263.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3263.6	0.0	3263.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6527.2	0.0	6527.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.5	0.6
10°-20°	133.3	2.0
20°-30°	291.1	4.5
30°-40°	585.3	9.0
40°-50°	1106.2	16.9
50°-60°	1631.7	25.0
60°-70°	1607.2	24.6
70°-80°	935.9	14.3
80°-90°	198.1	3.0
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°	6527.2	100.0
0°-180°	6527.2	100.0



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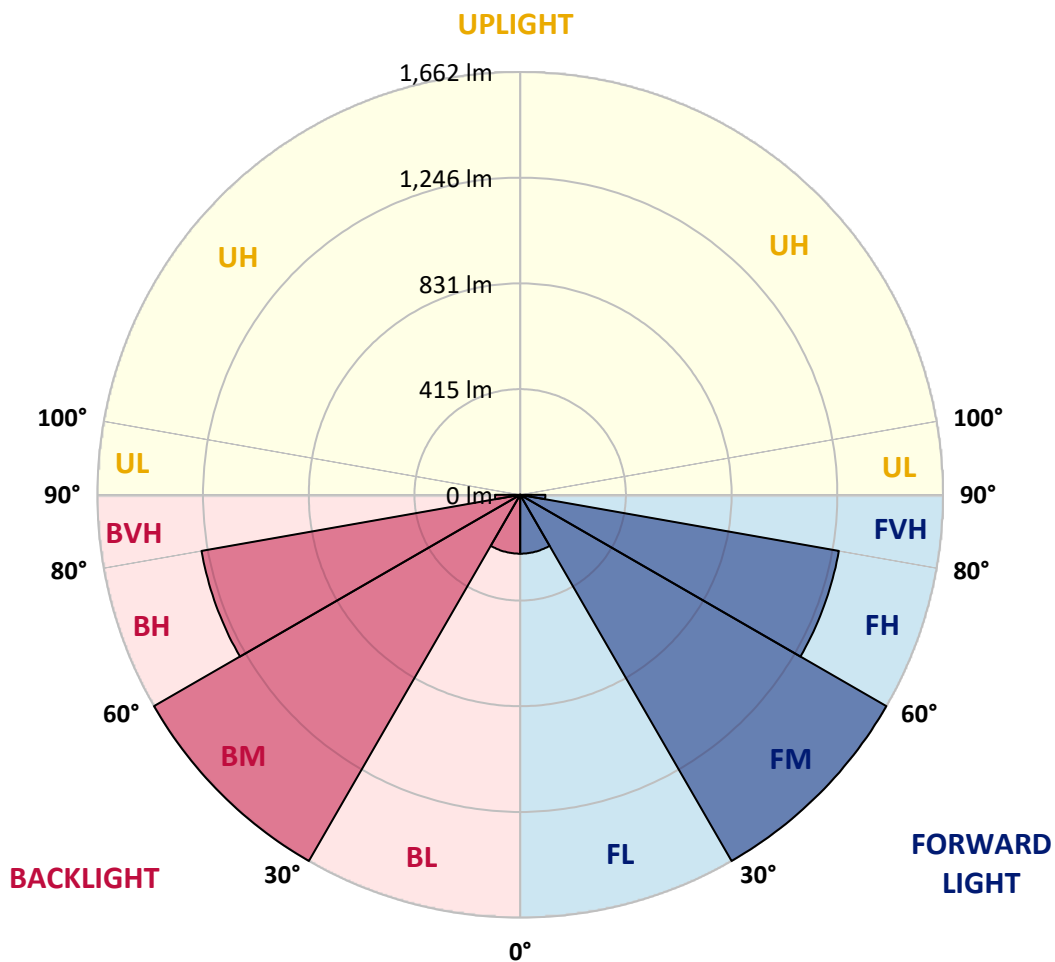
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	231.4	3.5			
FM	(30°-60°)	1661.6	25.5			
FH	(60°-80°)	1271.5	19.5			G1/1800
FVH	(80°-90°)	99.1	1.5			G1/100
BL	(0°-30°)	231.4	3.5	B1/500		
BM	(30°-60°)	1661.6	25.5	B2/2500		
BH	(60°-80°)	1271.5	19.5	B3/2500		G3/2500
BVH	(80°-90°)	99.1	1.5			G1/100
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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	387.7	387.7	387.7	387.7	387.7	387.7	387.7	387.7	387.7	387.7	387.7
2.5°	390.7	390.7	390.7	390.7	389.2	390.7	389.2	389.2	389.2	389.2	389.2
5°	395.2	396.7	395.2	395.2	395.2	395.2	395.2	395.2	393.7	393.7	395.2
7.5°	405.8	405.8	405.8	405.8	404.3	405.8	404.3	404.3	404.3	404.3	404.3
10°	420.9	420.9	420.9	420.9	419.4	419.4	419.4	417.9	417.9	417.9	417.9
12.5°	439.0	440.5	440.5	439.0	437.5	437.5	436.0	436.0	436.0	436.0	434.4
15°	466.1	464.6	464.6	461.6	461.6	458.6	460.1	458.6	457.1	455.6	457.1
17.5°	493.3	494.8	494.8	491.8	490.3	488.8	485.7	485.7	484.2	485.7	485.7
20°	535.5	535.5	532.5	529.5	525.0	523.4	520.4	520.4	517.4	520.4	520.4
22.5°	577.8	577.8	574.7	573.2	567.2	562.7	561.2	559.7	558.1	561.2	558.1
25°	630.6	630.6	627.5	621.5	615.5	614.0	609.4	609.4	610.9	612.5	606.4
27.5°	684.9	686.4	683.4	678.8	672.8	666.8	666.8	668.3	669.8	675.8	674.3
30°	751.2	749.7	745.2	739.2	736.1	731.6	733.1	739.2	745.2	751.2	751.2
32.5°	819.1	817.6	816.1	810.1	808.6	807.0	814.6	826.7	838.7	843.3	850.8
35°	891.5	891.5	890.0	885.5	888.5	896.0	908.1	930.7	948.8	970.0	970.0
37.5°	971.5	968.5	970.0	970.0	977.5	991.1	1019.7	1063.5	1101.2	1122.3	1122.3
40°	1054.4	1049.9	1051.4	1059.0	1072.5	1105.7	1155.5	1215.9	1276.2	1303.3	1312.4
42.5°	1134.4	1129.9	1135.9	1143.4	1176.6	1227.9	1301.8	1393.9	1479.8	1522.1	1520.6
45°	1208.3	1211.3	1218.9	1237.0	1285.2	1360.7	1466.3	1590.0	1701.6	1751.4	1769.5
47.5°	1282.2	1283.7	1294.3	1326.0	1393.9	1488.9	1617.1	1781.5	1905.2	1964.1	1986.7
50°	1351.6	1354.6	1372.7	1418.0	1497.9	1612.6	1771.0	1946.0	2081.7	2151.1	2170.7
52.5°	1413.5	1416.5	1437.6	1493.4	1588.5	1721.2	1887.1	2066.6	2210.0	2289.9	2302.0
55°	1464.8	1467.8	1488.9	1547.7	1650.3	1787.6	1956.5	2134.5	2268.8	2339.7	2348.7
57.5°	1494.9	1496.4	1519.1	1579.4	1680.5	1808.7	1971.6	2143.6	2261.2	2324.6	2332.1
60°	1496.4	1499.5	1520.6	1574.9	1668.4	1786.1	1941.4	2095.3	2202.4	2259.7	2268.8
62.5°	1469.3	1470.8	1488.9	1531.1	1611.1	1713.7	1857.0	1995.7	2092.3	2148.1	2158.7
65°	1407.4	1407.4	1416.5	1448.2	1510.0	1597.5	1719.7	1847.9	1936.9	1988.2	1994.2
67.5°	1304.9	1304.9	1306.4	1327.5	1369.7	1439.1	1543.2	1650.3	1730.3	1781.5	1789.1
70°	1173.6	1172.1	1160.0	1173.6	1200.8	1259.6	1351.6	1433.1	1497.9	1538.7	1565.8
72.5°	1007.7	1001.6	992.6	989.6	1016.7	1068.0	1143.4	1199.3	1235.5	1279.2	1282.2
75°	814.6	811.6	799.5	799.5	826.7	867.4	927.7	965.4	983.5	1012.2	1018.2
77.5°	607.9	606.4	610.9	612.5	627.5	671.3	706.0	733.1	728.6	746.7	752.7
80°	425.4	428.4	428.4	426.9	442.0	458.6	496.3	503.8	497.8	503.8	503.8
82.5°	270.0	268.5	265.5	270.0	282.1	295.7	310.8	312.3	316.8	312.3	315.3
85°	135.8	134.3	137.3	138.8	144.8	152.4	165.9	169.0	161.4	161.4	158.4
87.5°	46.8	49.8	46.8	48.3	48.3	55.8	54.3	54.3	54.3	54.3	57.3
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)