

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: P198128

Luminaire Tested: **TT-C5-LED-E1-RW-PM-SG-MS/DIM-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198128
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-C5-LED-E1-RW-PM-SG-MS/DIM-7060
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH SOFTENING GLASS LENS AND DIMMING OCCUPANCY
SENSOR
Light Source: (160) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6950.3 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B3 - U0 - G3

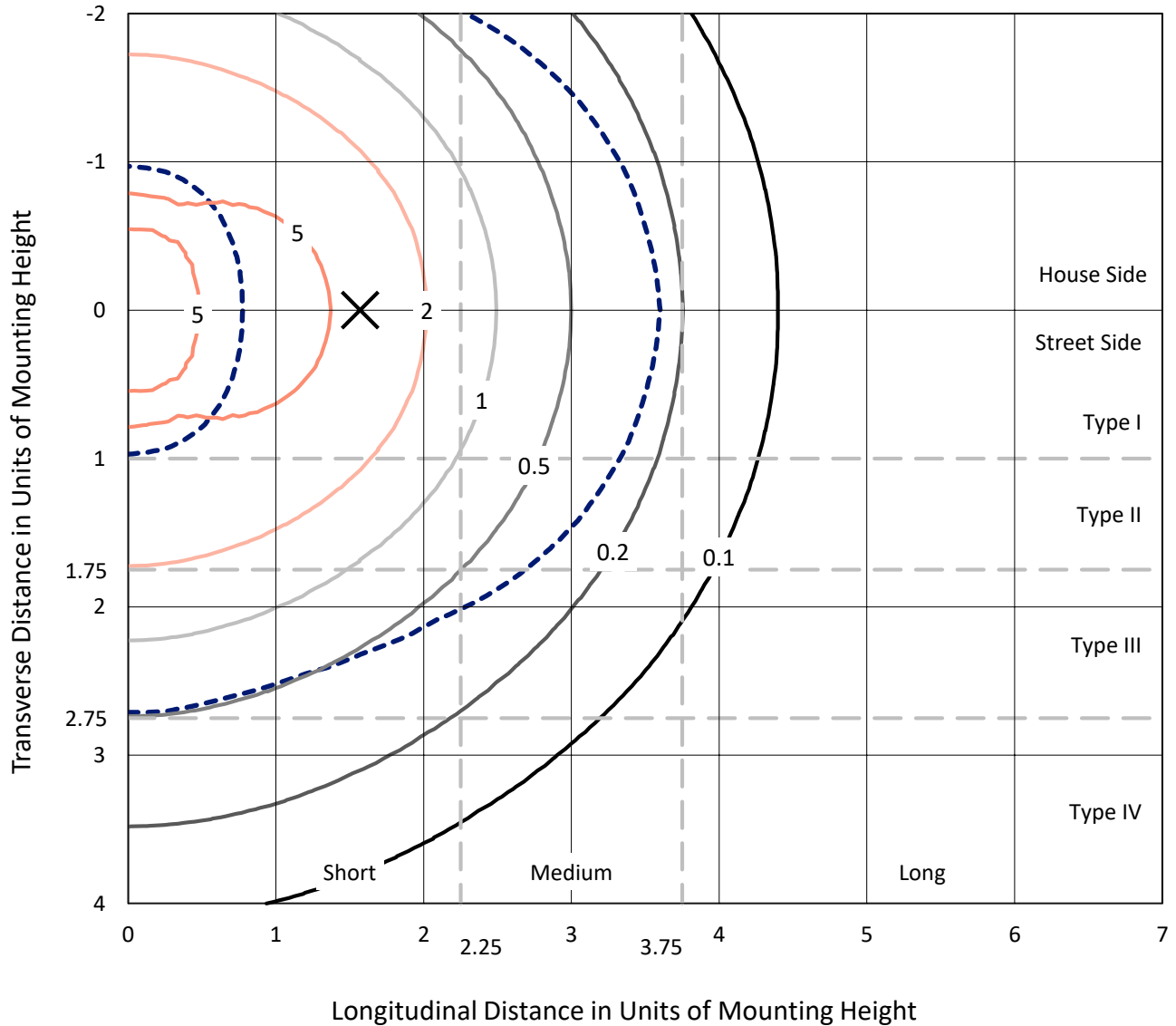
Input Watts (W): 77
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

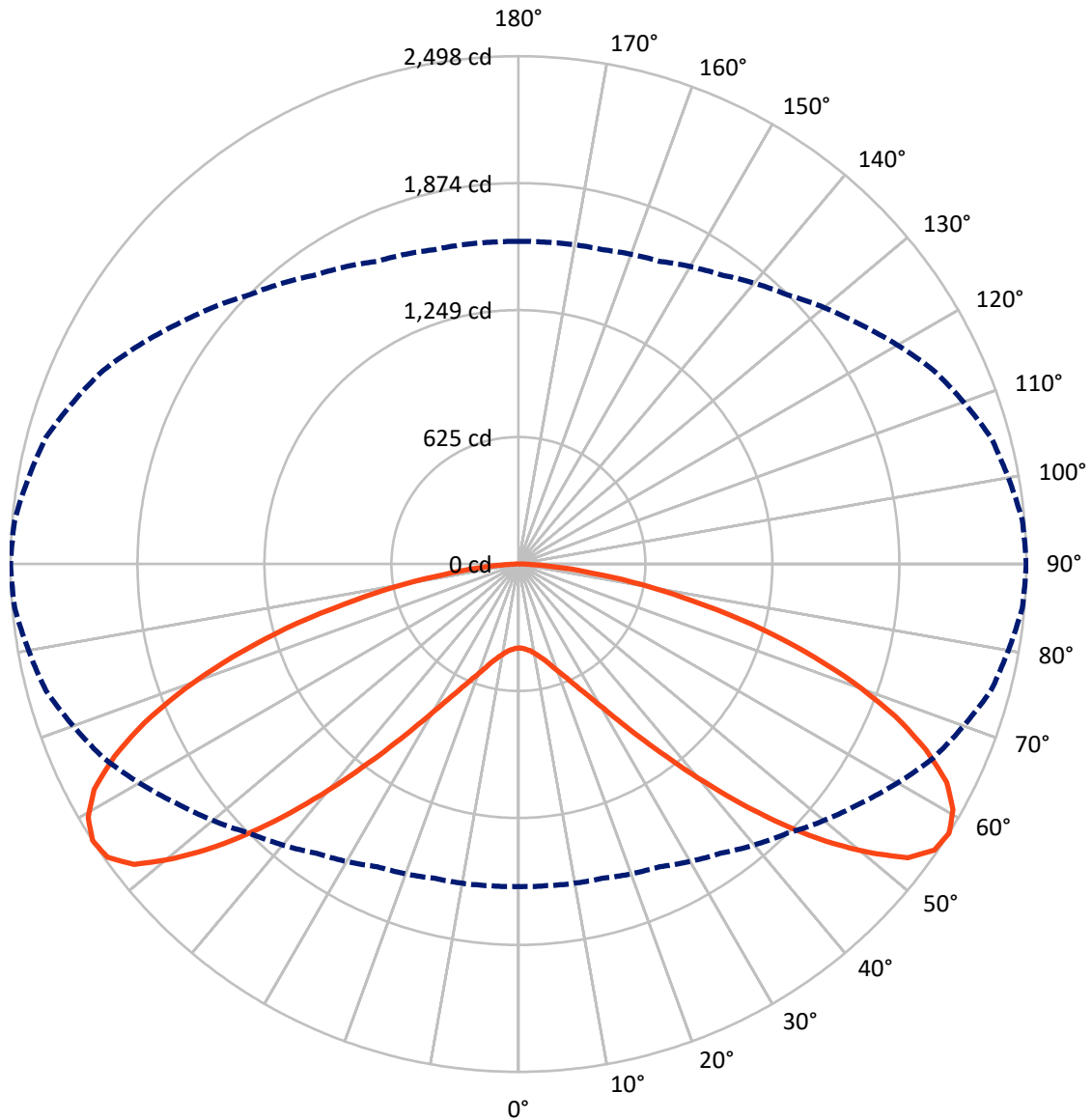


Based on 10 foot mounting height. Maximum calculated value = 6.5 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



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

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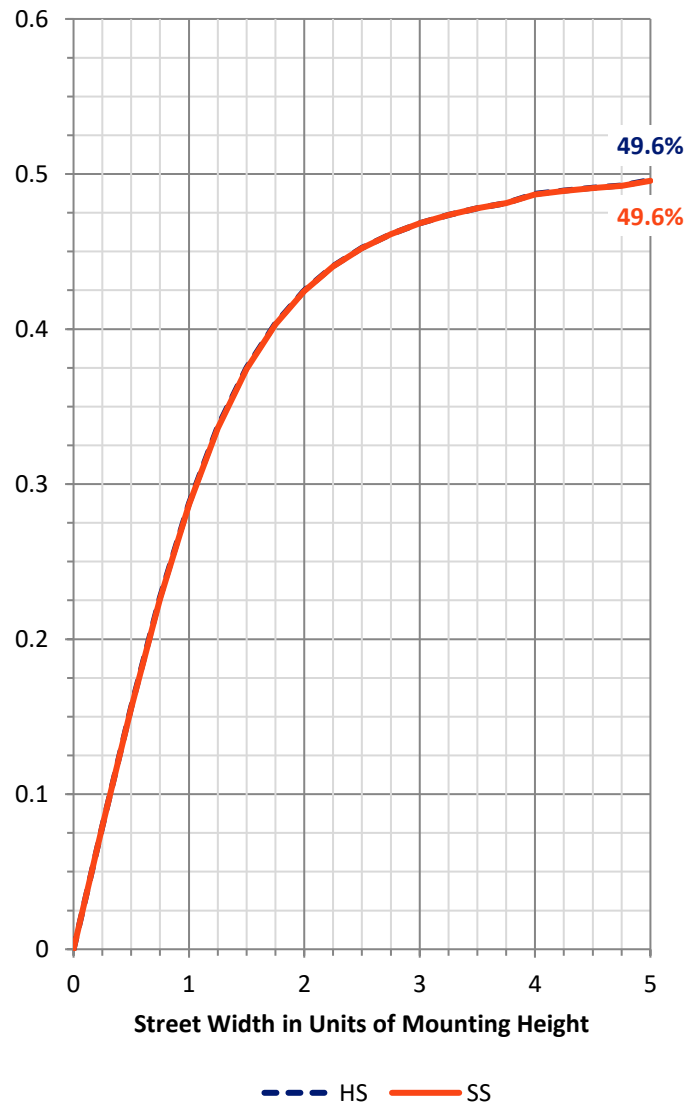
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3475.2	0.0	3475.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3475.2	0.0	3475.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	6950.3	0.0	6950.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.0	0.6
10°-20°	141.9	2.0
20°-30°	309.6	4.5
30°-40°	621.5	8.9
40°-50°	1160.6	16.7
50°-60°	1709.3	24.6
60°-70°	1722.0	24.8
70°-80°	1027.9	14.8
80°-90°	216.6	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°	6950.3	100.0
0°-180°	6950.3	100.0



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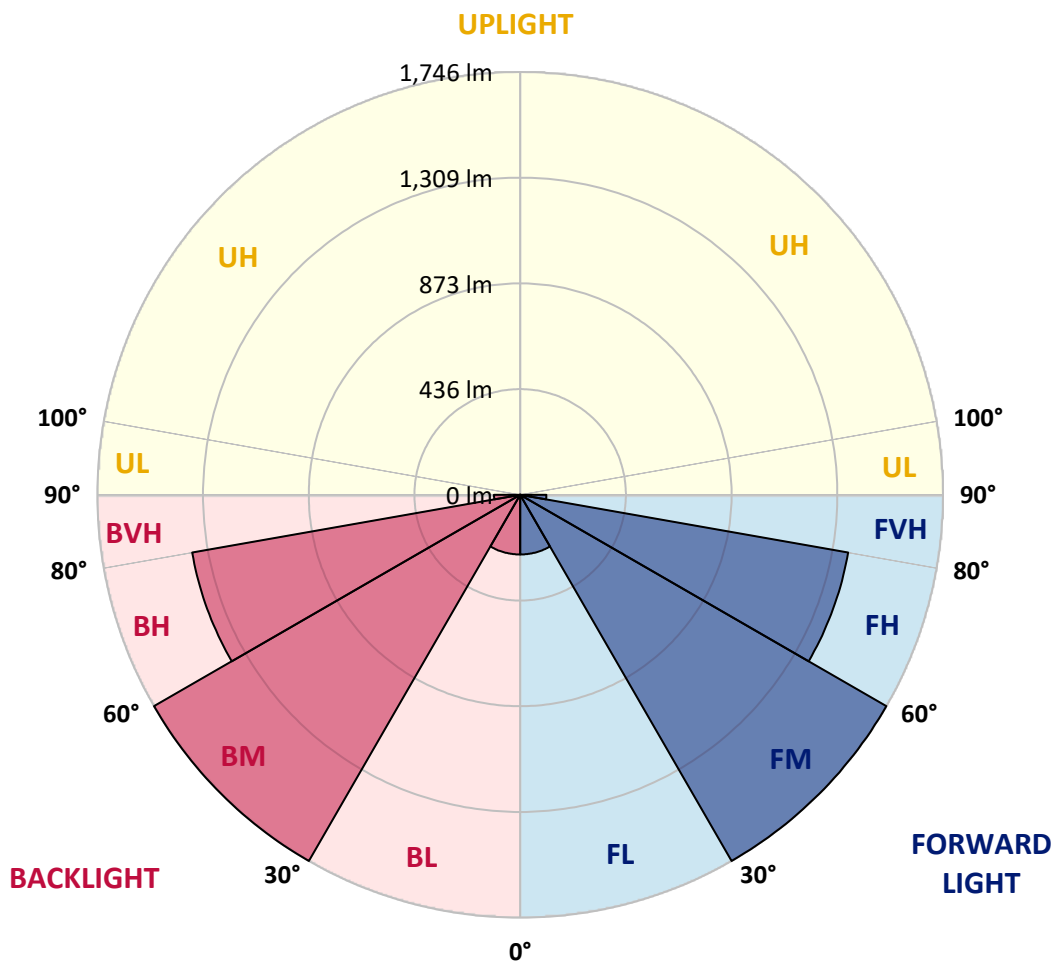
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	246.3	3.5			
FM	(30°-60°)	1745.7	25.1			
FH	(60°-80°)	1375.0	19.8			G1/1800
FVH	(80°-90°)	108.3	1.6			G2/225
BL	(0°-30°)	246.3	3.5	B1/500		
BM	(30°-60°)	1745.7	25.1	B2/2500		
BH	(60°-80°)	1375.0	19.8	B3/2500		G3/2500
BVH	(80°-90°)	108.3	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	413.3	413.3	413.3	413.3	413.3	413.3	413.3	413.3	413.3	413.3	413.3
2.5°	416.3	416.3	416.3	416.3	416.3	414.8	416.3	414.8	414.8	414.8	414.8
5°	420.9	420.9	420.9	422.4	422.4	422.4	422.4	420.9	422.4	420.9	422.4
7.5°	431.4	431.4	431.4	431.4	431.4	431.4	432.9	431.4	432.9	431.4	431.4
10°	445.0	445.0	445.0	445.0	446.5	446.5	446.5	448.0	448.0	448.0	448.0
12.5°	464.6	464.6	464.6	464.6	464.6	464.6	466.1	466.1	467.6	467.6	467.6
15°	490.3	490.3	488.8	488.8	488.8	490.3	490.3	493.3	491.8	491.8	491.8
17.5°	521.9	520.4	520.4	520.4	520.4	520.4	520.4	523.4	523.4	523.4	525.0
20°	556.6	559.7	558.1	555.1	555.1	555.1	556.6	559.7	559.7	564.2	565.7
22.5°	604.9	606.4	603.4	601.9	597.4	597.4	601.9	603.4	609.4	607.9	609.4
25°	656.2	654.7	653.2	650.2	650.2	650.2	653.2	657.7	662.2	666.8	666.8
27.5°	713.5	712.0	710.5	709.0	706.0	710.5	713.5	724.1	727.1	737.7	734.6
30°	776.9	778.4	775.4	773.9	772.4	773.9	785.9	801.0	813.1	820.6	822.1
32.5°	847.8	849.3	847.8	844.8	847.8	855.3	870.4	890.0	914.2	927.7	932.3
35°	926.2	929.2	926.2	929.2	932.3	945.8	973.0	1003.2	1045.4	1057.5	1065.0
37.5°	1010.7	1007.7	1006.2	1010.7	1024.3	1052.9	1090.6	1143.4	1187.2	1223.4	1223.4
40°	1095.2	1096.7	1098.2	1098.2	1123.8	1163.1	1224.9	1295.8	1360.7	1407.4	1408.9
42.5°	1185.7	1185.7	1185.7	1199.3	1230.9	1292.8	1372.7	1476.8	1565.8	1609.6	1615.6
45°	1277.7	1283.7	1286.8	1304.9	1351.6	1430.1	1535.7	1660.9	1774.0	1832.8	1829.8
47.5°	1368.2	1375.8	1381.8	1408.9	1472.3	1556.8	1688.0	1838.9	1967.1	2033.5	2039.5
50°	1461.7	1457.2	1469.3	1502.5	1573.4	1682.0	1822.3	1995.7	2142.1	2223.5	2229.6
52.5°	1523.6	1522.1	1534.1	1568.8	1651.8	1774.0	1935.4	2133.0	2291.4	2375.9	2400.0
55°	1567.3	1565.8	1579.4	1620.1	1710.6	1840.4	2015.4	2223.5	2383.4	2470.9	2483.0
57.5°	1586.9	1588.5	1600.5	1642.8	1736.3	1872.0	2053.1	2253.7	2406.1	2487.5	2498.1
60°	1583.9	1585.4	1596.0	1636.7	1728.7	1860.0	2035.0	2223.5	2368.3	2443.8	2455.8
62.5°	1552.2	1550.7	1559.8	1594.5	1675.9	1798.1	1965.6	2143.6	2280.9	2350.2	2363.8
65°	1485.9	1484.4	1484.4	1514.5	1583.9	1688.0	1846.4	2004.8	2133.0	2199.4	2202.4
67.5°	1377.3	1377.3	1374.2	1392.3	1443.6	1544.7	1680.5	1825.3	1929.4	1991.2	2000.3
70°	1230.9	1234.0	1223.4	1234.0	1276.2	1356.1	1476.8	1593.0	1674.4	1745.3	1749.9
72.5°	1071.0	1059.0	1054.4	1057.5	1089.1	1140.4	1244.5	1342.6	1418.0	1466.3	1475.3
75°	864.4	864.4	861.4	856.8	874.9	926.2	995.6	1075.6	1138.9	1172.1	1184.2
77.5°	662.2	668.3	659.2	659.2	672.8	712.0	772.4	816.1	861.4	884.0	877.9
80°	470.7	469.1	464.6	461.6	476.7	499.3	547.6	573.2	586.8	607.9	617.0
82.5°	291.1	294.2	298.7	285.1	291.1	312.3	337.9	351.5	357.5	366.6	365.1
85°	143.3	144.8	146.3	147.8	147.8	155.4	170.5	176.5	181.0	185.5	182.5
87.5°	52.8	49.8	48.3	48.3	48.3	49.8	57.3	55.8	58.8	58.8	61.8
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)