

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: P198124

Luminaire Tested: **TT-C4-LED-E1-RW-PM-SG-MS/DIM-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198124
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-C4-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: 5364.6 lumens
Efficiency: N/A
Efficacy: 92.5 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): 58
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

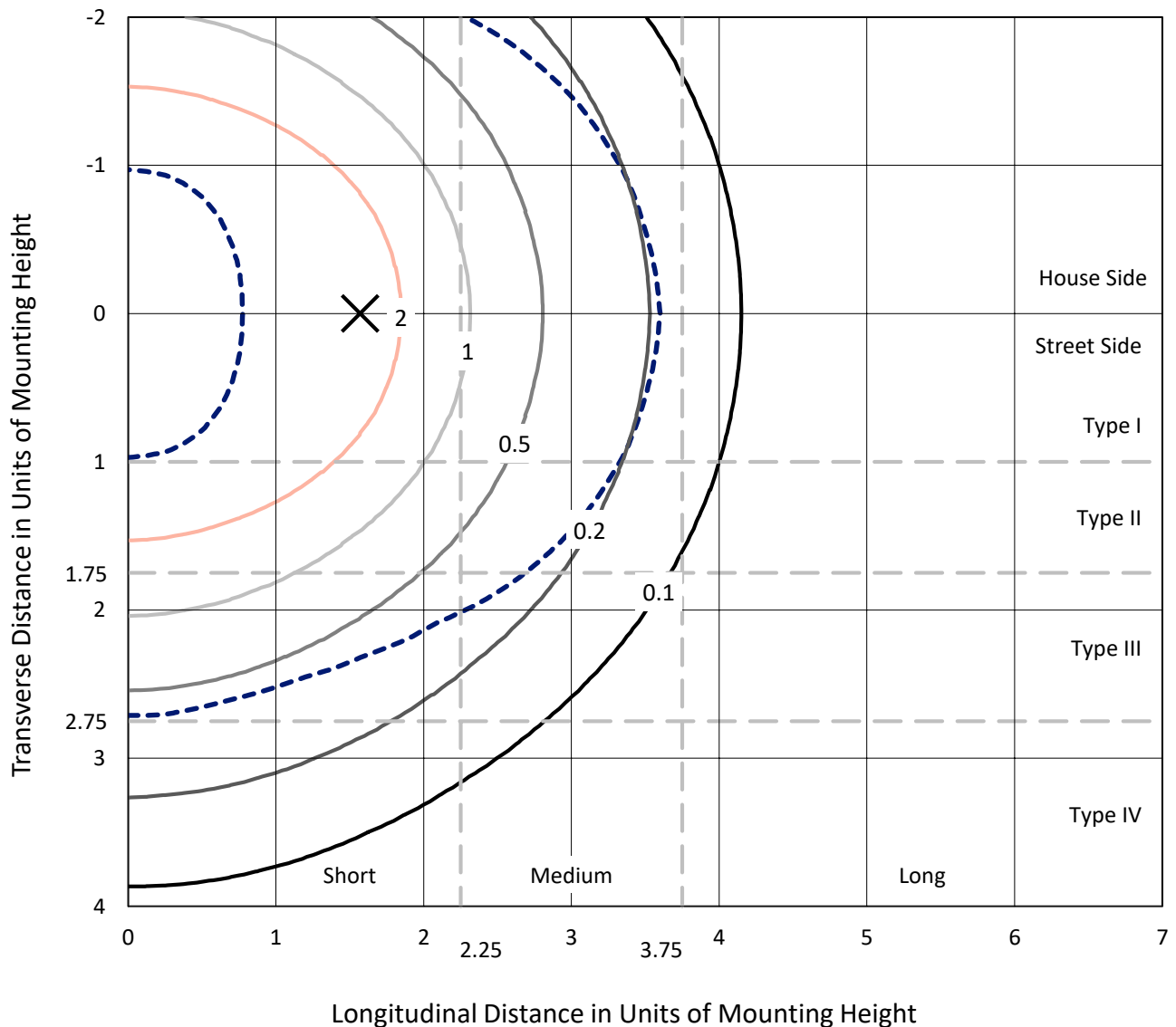


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

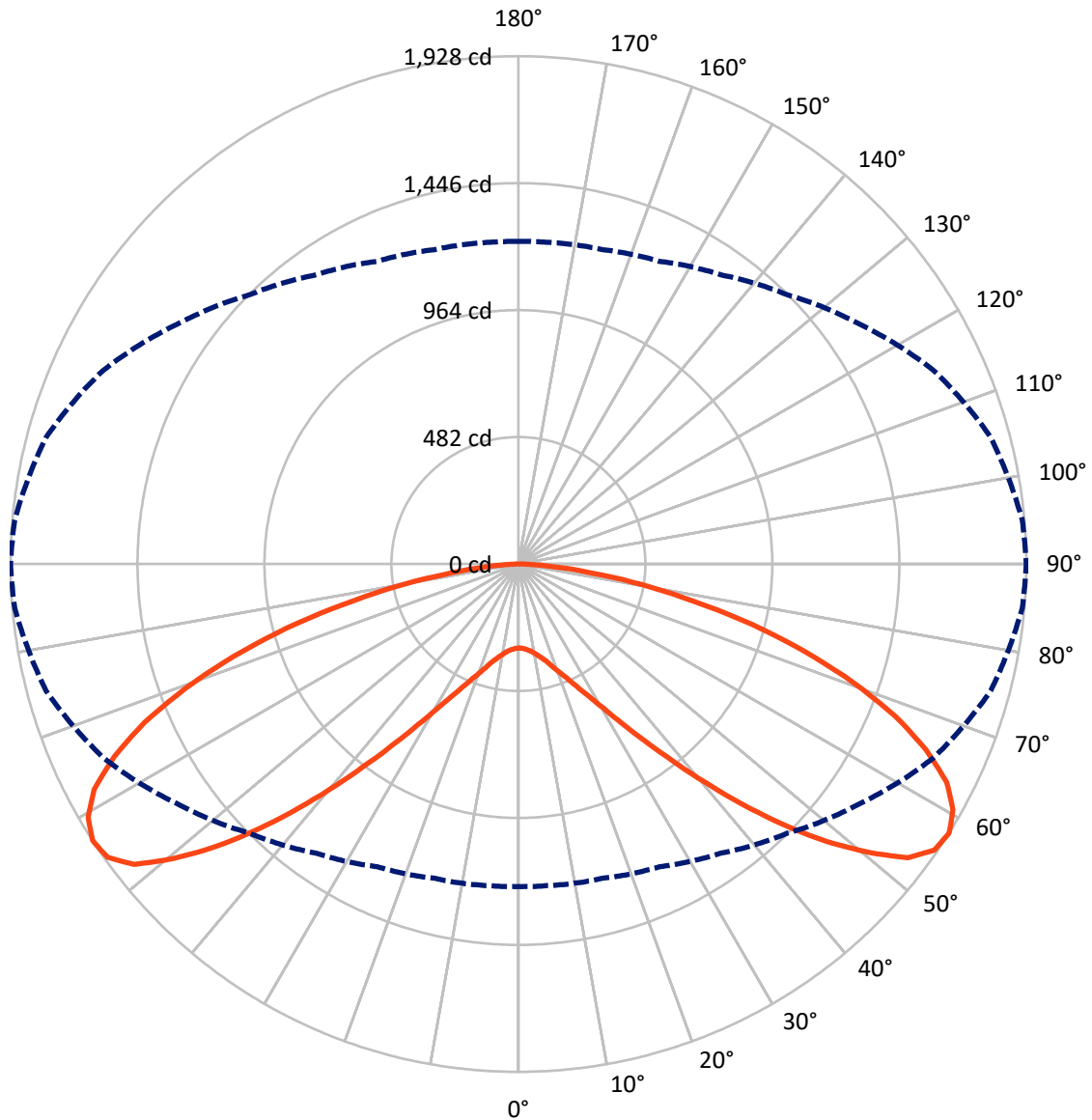


Based on 10 foot mounting height. Maximum calculated value = 5 fc
 Type III - Short - Full Cutoff

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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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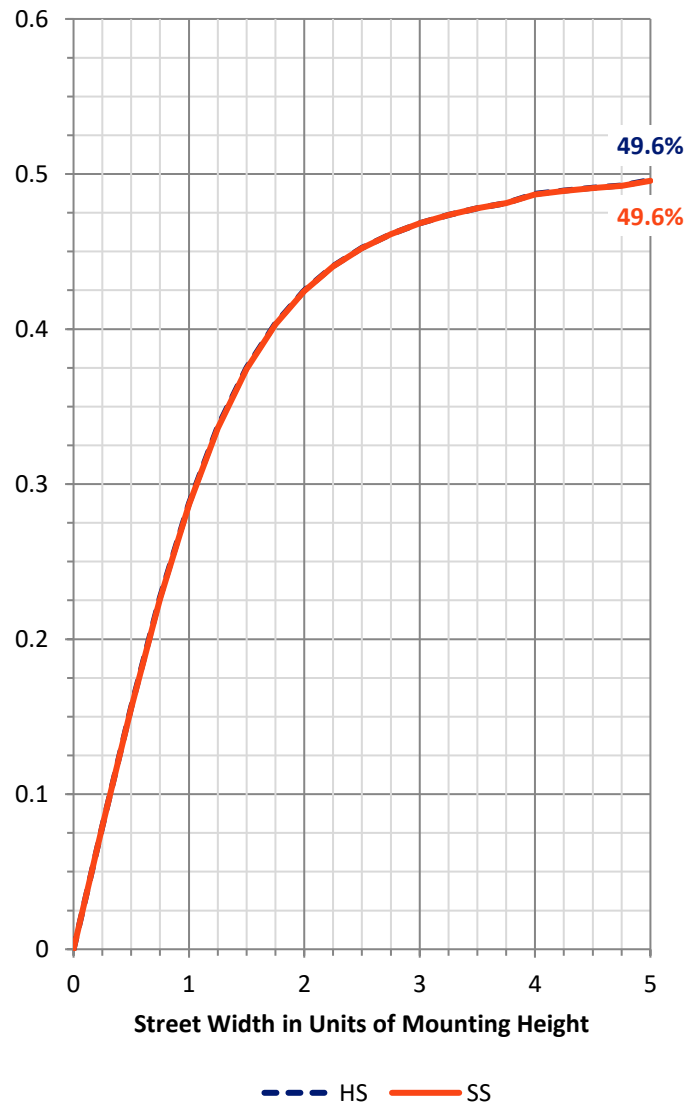
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2682.3	0.0	2682.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2682.3	0.0	2682.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	5364.6	0.0	5364.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	0.6
10°-20°	109.5	2.0
20°-30°	238.9	4.5
30°-40°	479.7	8.9
40°-50°	895.8	16.7
50°-60°	1319.3	24.6
60°-70°	1329.1	24.8
70°-80°	793.4	14.8
80°-90°	167.2	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°	5364.6	100.0
0°-180°	5364.6	100.0



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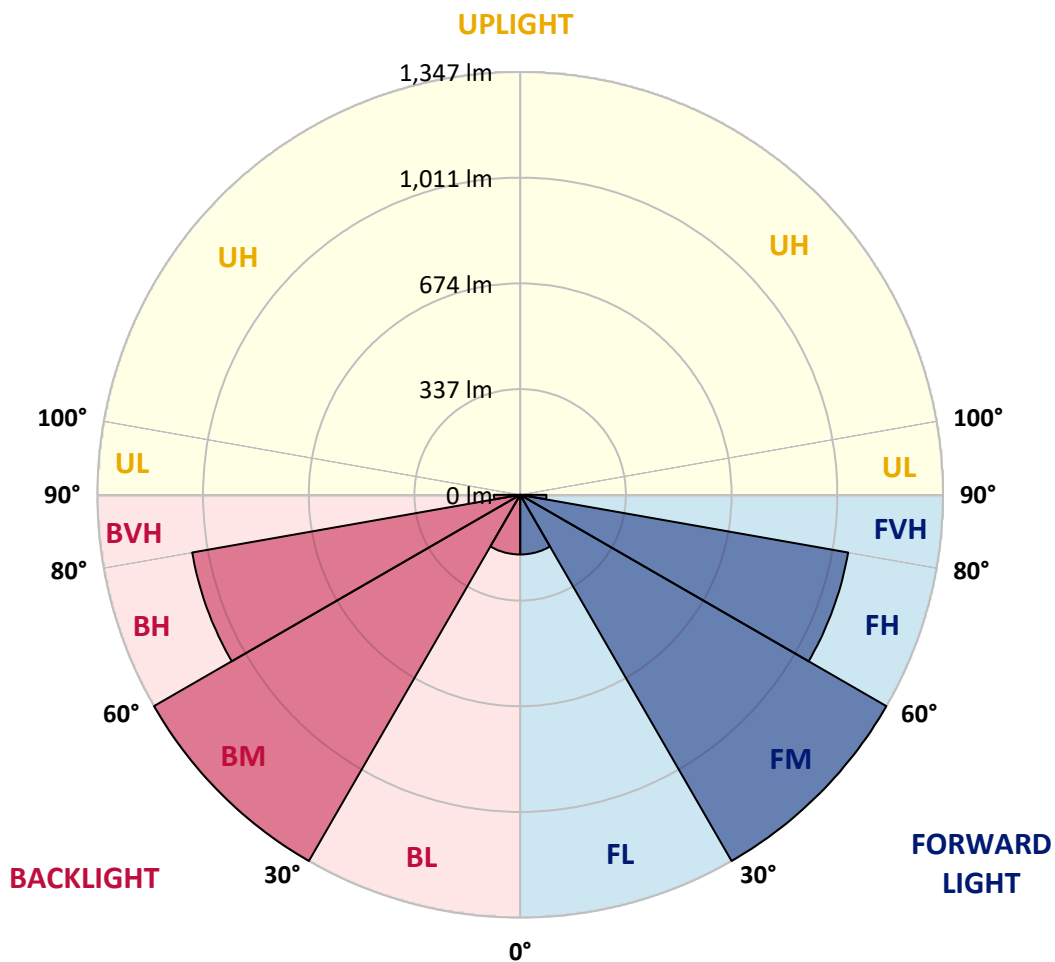
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	190.1	3.5			
FM	(30°-60°)	1347.4	25.1			
FH	(60°-80°)	1061.3	19.8			G1/1800
FVH	(80°-90°)	83.6	1.6			G1/100
BL	(0°-30°)	190.1	3.5	B1/500		
BM	(30°-60°)	1347.4	25.1	B2/2500		
BH	(60°-80°)	1061.3	19.8	B3/2500		G3/2500
BVH	(80°-90°)	83.6	1.6			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°	319.0	319.0	319.0	319.0	319.0	319.0	319.0	319.0	319.0	319.0	319.0
2.5°	321.4	321.4	321.4	321.4	321.4	320.2	321.4	320.2	320.2	320.2	320.2
5°	324.9	324.9	324.9	326.0	326.0	326.0	326.0	324.9	326.0	324.9	326.0
7.5°	333.0	333.0	333.0	333.0	333.0	333.0	334.2	333.0	334.2	333.0	333.0
10°	343.5	343.5	343.5	343.5	344.6	344.6	344.6	345.8	345.8	345.8	345.8
12.5°	358.6	358.6	358.6	358.6	358.6	358.6	359.8	359.8	360.9	360.9	360.9
15°	378.4	378.4	377.2	377.2	377.2	378.4	378.4	380.7	379.6	379.6	379.6
17.5°	402.9	401.7	401.7	401.7	401.7	401.7	401.7	404.0	404.0	404.0	405.2
20°	429.6	432.0	430.8	428.5	428.5	428.5	429.6	432.0	432.0	435.5	436.6
22.5°	466.9	468.1	465.7	464.6	461.1	461.1	464.6	465.7	470.4	469.2	470.4
25°	506.5	505.3	504.2	501.8	501.8	501.8	504.2	507.7	511.1	514.6	514.6
27.5°	550.7	549.6	548.4	547.2	544.9	548.4	550.7	558.9	561.2	569.4	567.0
30°	599.6	600.8	598.5	597.3	596.1	597.3	606.6	618.3	627.6	633.4	634.6
32.5°	654.4	655.5	654.4	652.0	654.4	660.2	671.8	687.0	705.6	716.1	719.6
35°	714.9	717.2	714.9	717.2	719.6	730.0	751.0	774.3	806.9	816.2	822.0
37.5°	780.1	777.8	776.6	780.1	790.6	812.7	841.8	882.6	916.3	944.3	944.3
40°	845.3	846.5	847.6	847.6	867.4	897.7	945.4	1000.2	1050.2	1086.3	1087.5
42.5°	915.2	915.2	915.2	925.7	950.1	997.8	1059.6	1139.9	1208.6	1242.4	1247.0
45°	986.2	990.9	993.2	1007.2	1043.3	1103.8	1185.3	1281.9	1369.3	1414.7	1412.4
47.5°	1056.1	1061.9	1066.5	1087.5	1136.4	1201.6	1302.9	1419.3	1518.3	1569.5	1574.2
50°	1128.3	1124.8	1134.1	1159.7	1214.4	1298.2	1406.5	1540.4	1653.4	1716.2	1720.9
52.5°	1176.0	1174.8	1184.1	1210.9	1275.0	1369.3	1493.9	1646.4	1768.6	1833.8	1852.5
55°	1209.8	1208.6	1219.1	1250.5	1320.4	1420.5	1555.6	1716.2	1839.7	1907.2	1916.5
57.5°	1224.9	1226.1	1235.4	1268.0	1340.2	1445.0	1584.7	1739.5	1857.1	1920.0	1928.2
60°	1222.6	1223.7	1231.9	1263.3	1334.3	1435.6	1570.7	1716.2	1828.0	1886.2	1895.6
62.5°	1198.1	1196.9	1203.9	1230.7	1293.6	1387.9	1517.1	1654.5	1760.5	1814.1	1824.5
65°	1146.9	1145.7	1145.7	1169.0	1222.6	1302.9	1425.2	1547.4	1646.4	1697.6	1699.9
67.5°	1063.0	1063.0	1060.7	1074.7	1114.3	1192.3	1297.1	1408.9	1489.2	1536.9	1543.9
70°	950.1	952.4	944.3	952.4	985.0	1046.7	1139.9	1229.6	1292.4	1347.1	1350.6
72.5°	826.7	817.4	813.9	816.2	840.7	880.2	960.6	1036.3	1094.5	1131.7	1138.7
75°	667.2	667.2	664.8	661.3	675.3	714.9	768.5	830.2	879.1	904.7	914.0
77.5°	511.1	515.8	508.8	508.8	519.3	549.6	596.1	629.9	664.8	682.3	677.6
80°	363.3	362.1	358.6	356.3	367.9	385.4	422.7	442.5	452.9	469.2	476.2
82.5°	224.7	227.0	230.5	220.1	224.7	241.0	260.8	271.3	276.0	282.9	281.8
85°	110.6	111.8	112.9	114.1	114.1	119.9	131.6	136.2	139.7	143.2	140.9
87.5°	40.8	38.4	37.3	37.3	37.3	38.4	44.2	43.1	45.4	45.4	47.7
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)