

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: P198044

Luminaire Tested: **TT-C2-LED-E1-RW-PM-CG-MS/DIM-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198044
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34696)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-C2-LED-E1-RW-PM-CG-MS/DIM-7060
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH CLEAR GLASS LENS AND DIMMING OCCUPANCY
SENSOR
Light Source: (168) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3219.6 lumens
Efficiency: N/A
Efficacy: 94.7 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 34
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

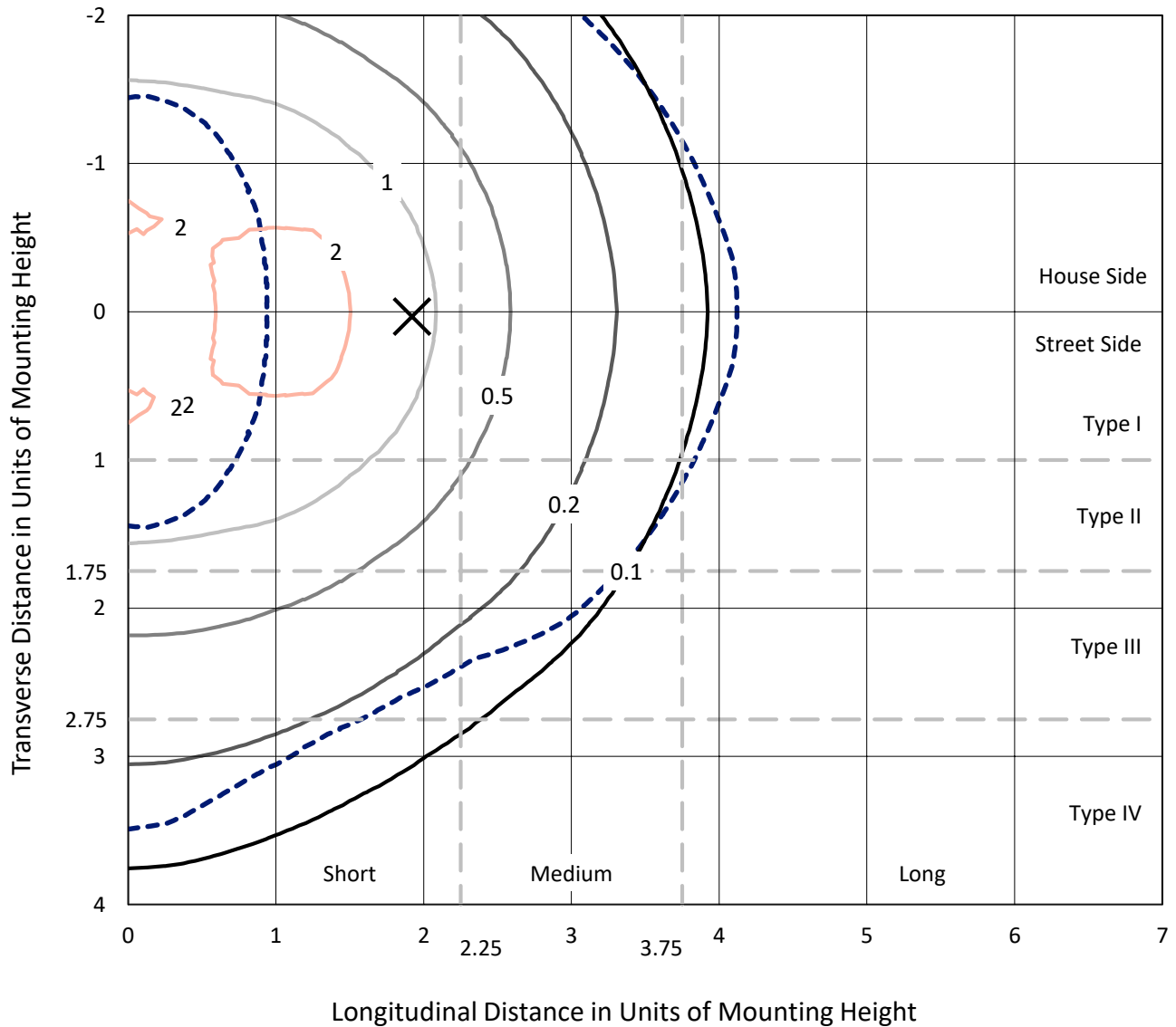


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Iso-Footcandle Lines of Horizontal Illumination

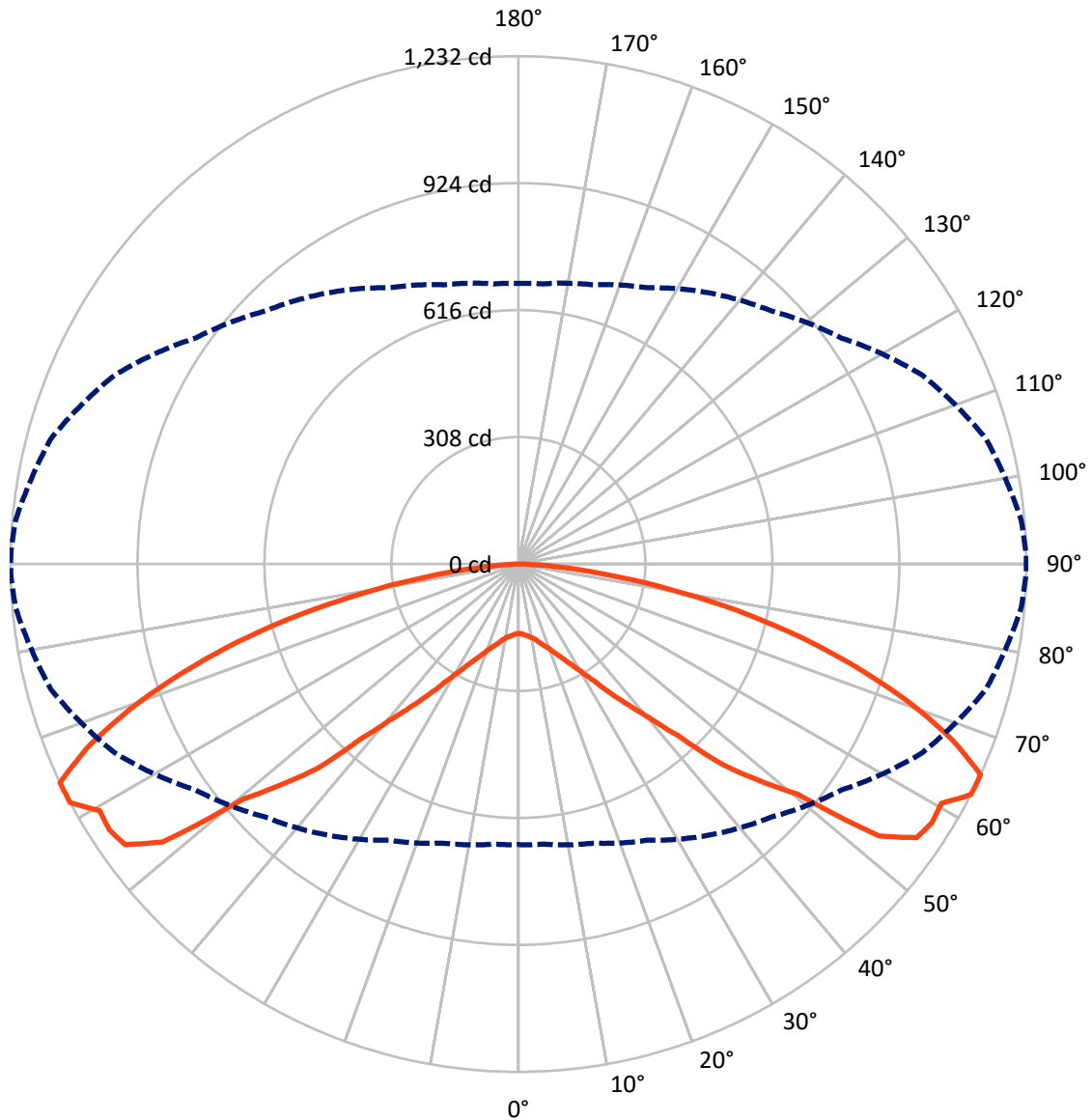
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.5 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 89-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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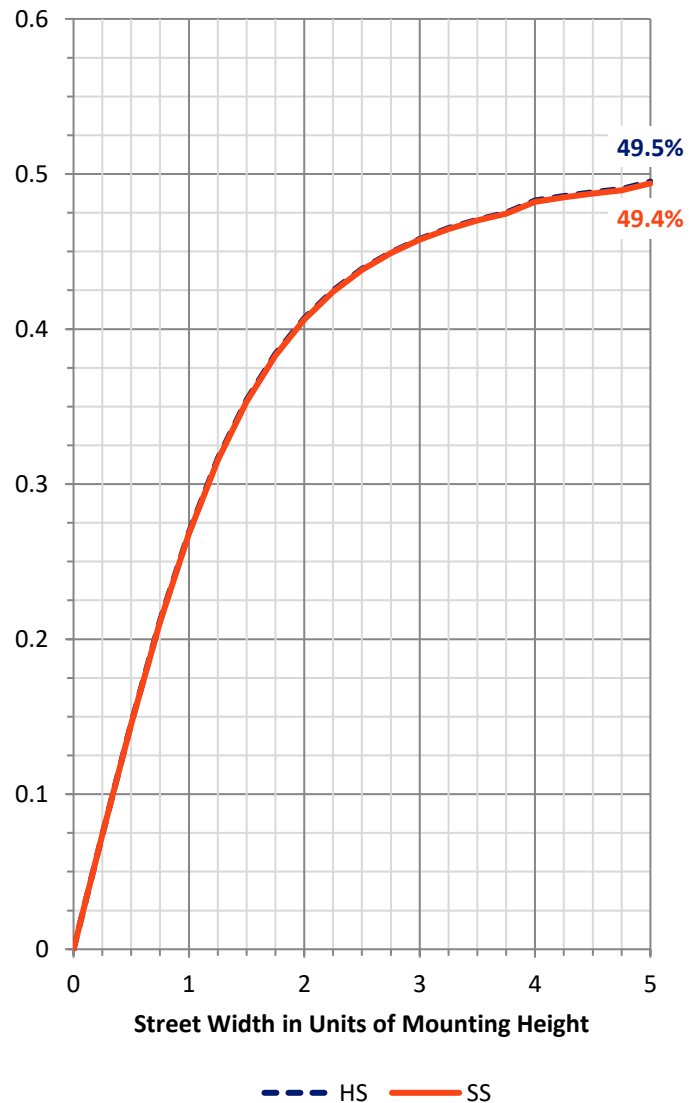
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1609.8	0.0	1609.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1609.8	0.0	1609.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	3219.6	0.0	3219.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	0.5
10°-20°	57.3	1.8
20°-30°	121.9	3.8
30°-40°	234.2	7.3
40°-50°	433.6	13.5
50°-60°	732.4	22.7
60°-70°	884.6	27.5
70°-80°	609.0	18.9
80°-90°	129.9	4.0
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°	3219.6	100.0
0°-180°	3219.6	100.0



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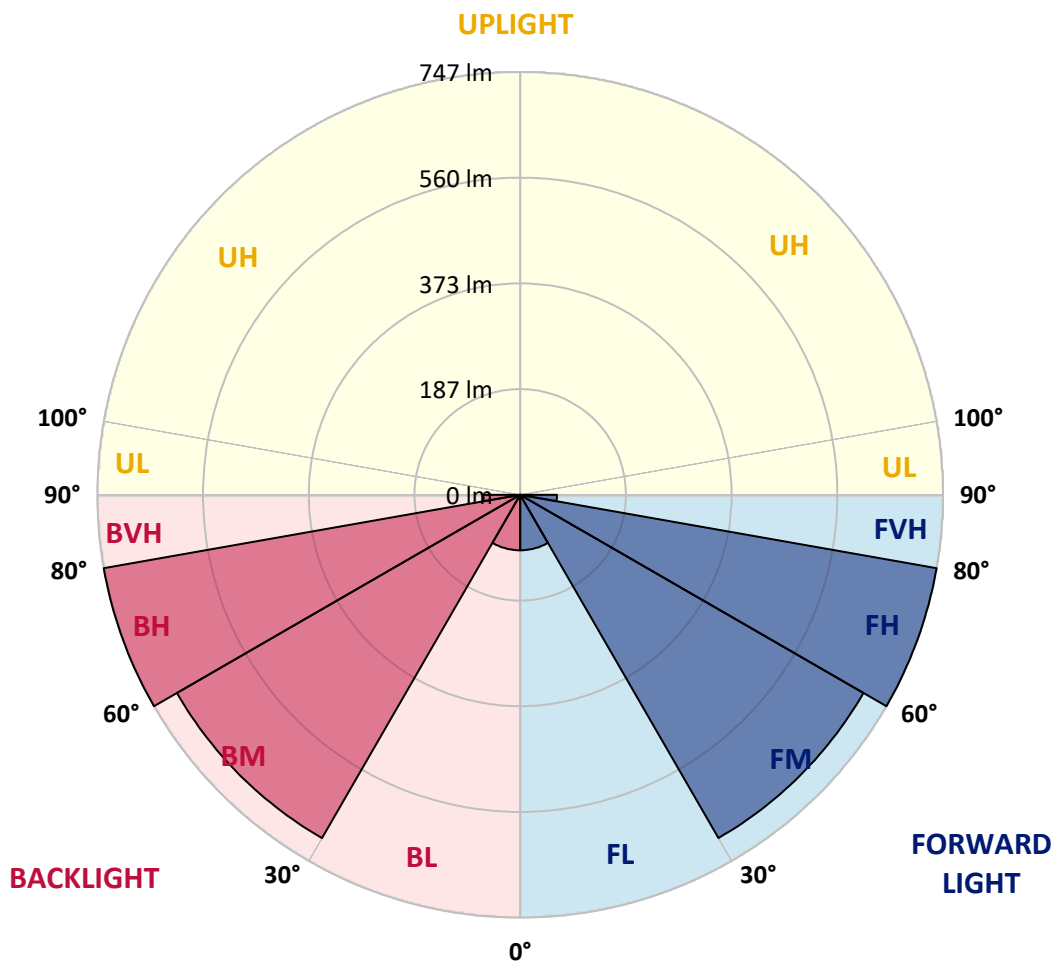
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	98.0	3.0			
FM (30°-60°)	700.1	21.7			
FH (60°-80°)	746.8	23.2			G1/1800
FVH (80°-90°)	65.0	2.0			G1/100
BL (0°-30°)	98.0	3.0	B0/110		
BM (30°-60°)	700.1	21.7	B1/1000		
BH (60°-80°)	746.8	23.2	B2/1000		G2/1000
BVH (80°-90°)	65.0	2.0			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	89°
0°	168.3	168.3	168.3	168.3	168.3	168.3	168.3	168.3	168.3	168.3	168.3
2.5°	169.7	169.7	169.7	169.7	170.4	170.4	170.4	170.4	170.4	170.4	169.7
5°	172.5	171.8	172.5	173.2	173.2	173.9	173.9	173.9	173.9	173.2	173.2
7.5°	176.0	176.0	176.7	177.4	178.2	177.4	177.4	176.7	176.7	176.7	176.7
10°	182.4	181.7	182.4	183.1	182.4	182.4	182.4	182.4	182.4	182.4	181.7
12.5°	189.4	189.4	189.4	189.4	188.7	189.4	188.7	189.4	189.4	189.4	188.7
15°	199.3	199.3	199.3	198.6	197.9	197.9	197.9	197.9	197.9	197.9	198.6
17.5°	212.7	212.0	211.2	209.8	209.1	208.4	208.4	208.4	209.1	209.1	209.1
20°	228.1	226.7	225.3	224.6	223.9	222.5	221.8	222.5	223.2	223.2	221.1
22.5°	247.2	245.0	242.9	242.2	239.4	238.7	238.0	237.3	237.3	238.0	237.3
25°	264.8	265.5	263.4	259.8	259.1	257.7	255.6	256.3	255.6	256.3	255.6
27.5°	286.6	288.0	285.9	282.4	280.3	278.1	276.7	276.7	277.4	279.6	277.4
30°	311.2	311.9	309.8	307.0	303.5	300.7	300.0	303.5	303.5	306.3	304.9
32.5°	337.3	336.6	333.8	333.1	328.8	328.8	329.5	332.4	337.3	339.4	338.7
35°	369.0	364.8	364.1	361.2	357.7	357.7	361.9	369.0	378.1	383.8	384.5
37.5°	397.9	396.4	395.7	391.5	389.4	393.6	402.1	414.8	422.5	433.8	433.8
40°	427.4	430.9	427.4	423.2	425.3	431.7	445.7	461.9	479.5	491.5	491.5
42.5°	456.3	462.6	459.1	455.6	461.2	476.0	493.6	521.1	556.3	571.8	571.1
45°	487.3	492.2	488.7	489.4	501.4	519.7	553.5	612.6	661.9	693.6	694.3
47.5°	521.1	521.8	519.7	523.2	540.8	576.0	621.8	694.3	742.9	780.9	783.7
50°	554.9	551.4	550.7	559.1	590.8	635.2	700.6	771.1	847.8	876.0	878.1
52.5°	585.2	580.9	583.7	597.8	639.4	694.3	776.0	895.7	1007.0	1090.0	1095.7
55°	614.0	609.1	616.1	638.7	693.6	767.5	869.6	1018.9	1113.3	1167.5	1172.4
57.5°	638.7	637.3	648.5	676.7	744.3	834.4	946.4	1068.2	1137.9	1178.8	1183.7
60°	663.3	663.3	678.1	714.7	790.1	872.5	961.2	1067.5	1139.3	1173.8	1178.8
62.5°	680.9	682.3	701.3	739.4	803.4	868.2	956.3	1082.3	1174.5	1224.5	1232.3
65°	690.8	693.6	714.0	739.4	797.8	864.0	987.9	1094.3	1170.3	1223.1	1232.3
67.5°	692.2	697.8	707.7	726.7	776.0	832.3	937.2	1023.9	1087.2	1127.4	1133.7
70°	685.9	683.7	683.0	688.0	712.6	753.5	845.7	914.0	976.7	1002.0	1007.0
72.5°	654.2	653.5	628.8	613.3	619.7	647.8	729.5	782.3	823.2	855.6	859.1
75°	590.8	585.2	544.3	512.6	506.3	531.6	592.9	631.6	668.2	698.5	706.3
77.5°	492.9	478.8	437.3	400.0	388.0	407.0	452.8	479.5	506.3	541.5	541.5
80°	357.7	350.7	314.8	284.5	272.5	283.8	316.2	327.4	341.5	373.2	373.9
82.5°	231.0	223.2	199.3	180.3	169.7	176.7	190.1	195.1	207.0	226.0	225.3
85°	112.7	112.7	100.7	90.1	80.3	81.7	90.1	92.9	102.8	107.7	106.3
87.5°	28.2	31.0	27.5	25.3	22.5	22.5	25.3	25.3	31.0	31.0	29.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°
0°	168.3
2.5°	169.7
5°	173.2
7.5°	176.7
10°	181.7
12.5°	189.4
15°	197.9
17.5°	209.8
20°	223.2
22.5°	237.3
25°	255.6
27.5°	279.6
30°	306.3
32.5°	338.0
35°	381.7
37.5°	433.8
40°	492.2
42.5°	571.8
45°	695.7
47.5°	780.9
50°	876.0
52.5°	1092.2
55°	1171.7
57.5°	1184.4
60°	1180.2
62.5°	1232.3
65°	1230.9
67.5°	1132.3
70°	1009.1
72.5°	864.7
75°	709.1
77.5°	538.0
80°	388.7
82.5°	226.7
85°	107.7
87.5°	32.4
90°	0.0

(END OF REPORT)