

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: P198120

Luminaire Tested: **TT-C3-LED-E1-RW-SG-MS/DIM-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198120
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-C3-LED-E1-RW-SG-MS/DIM-7060
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH SOFTENING 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: 4265.9 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 45
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

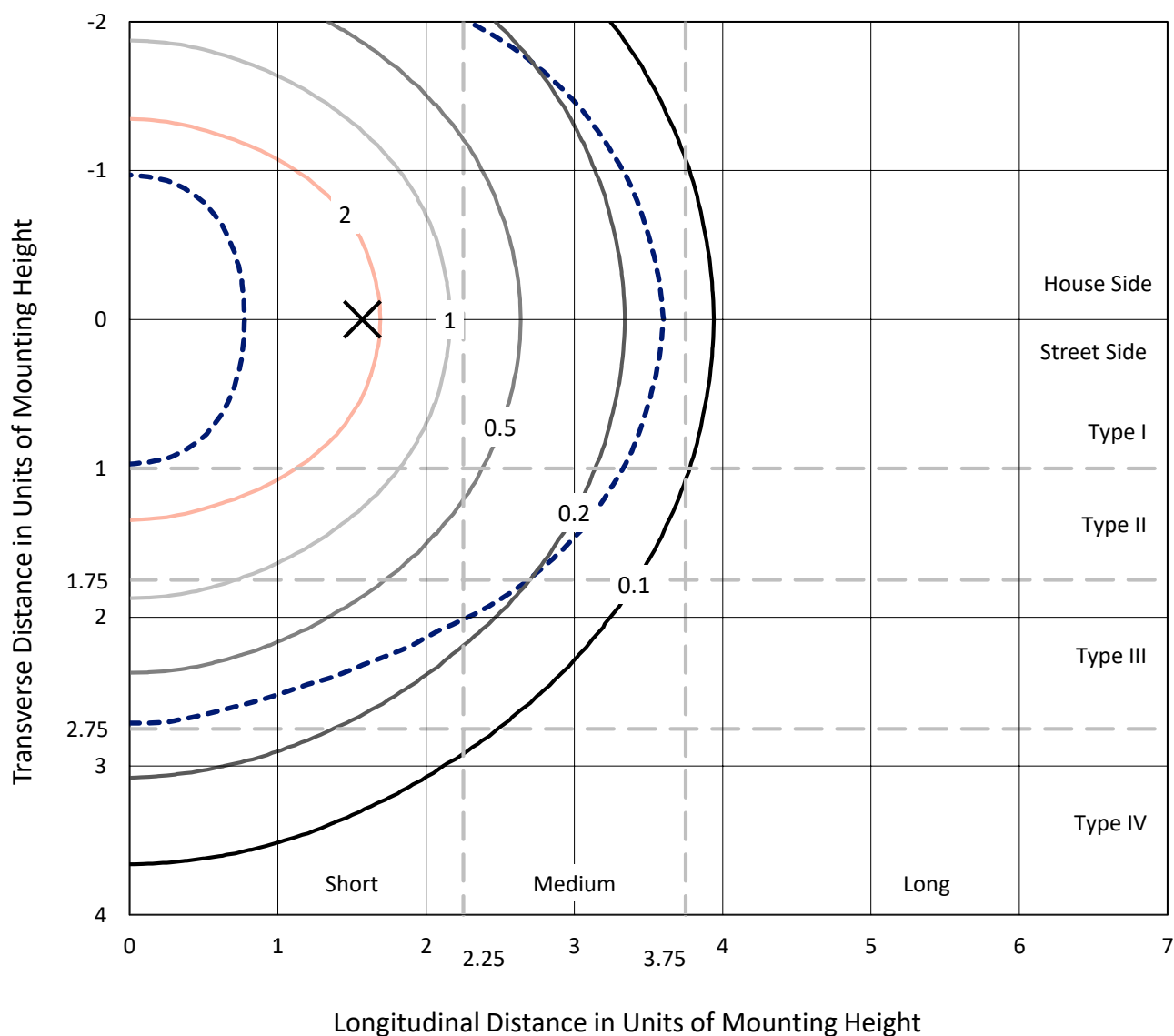


REPORT NUMBER: P198120

CATALOG NUMBER: TT-C3-LED-E1-RW-SG-MS/DIM-7060

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

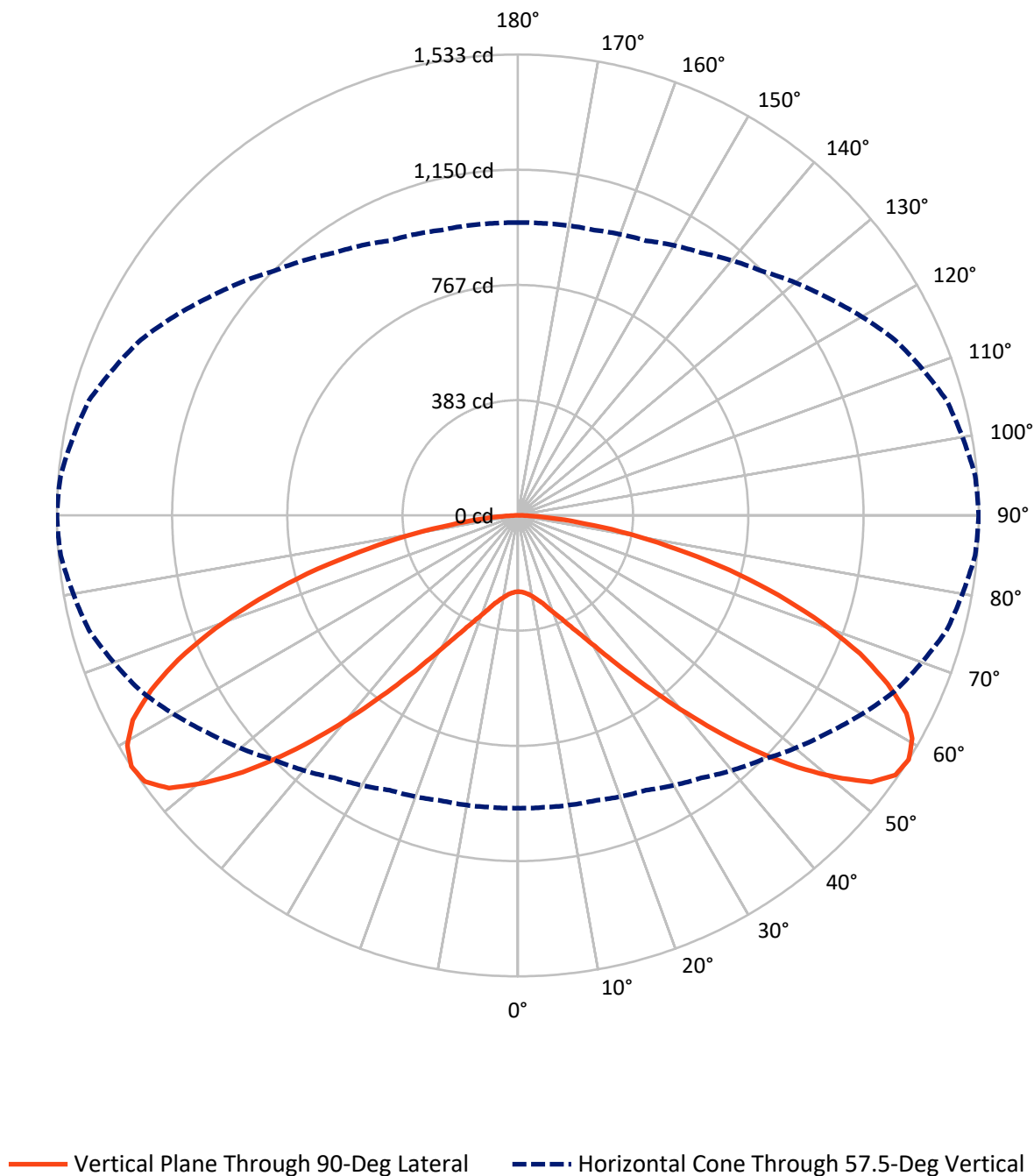


Based on 10 foot mounting height. Maximum calculated value = 4 fc
 Type III - Short - Full Cutoff

REPORT NUMBER: P198120

CATALOG NUMBER: TT-C3-LED-E1-RW-SG-MS/DIM-7060

Luminous Intensity Polar Plot



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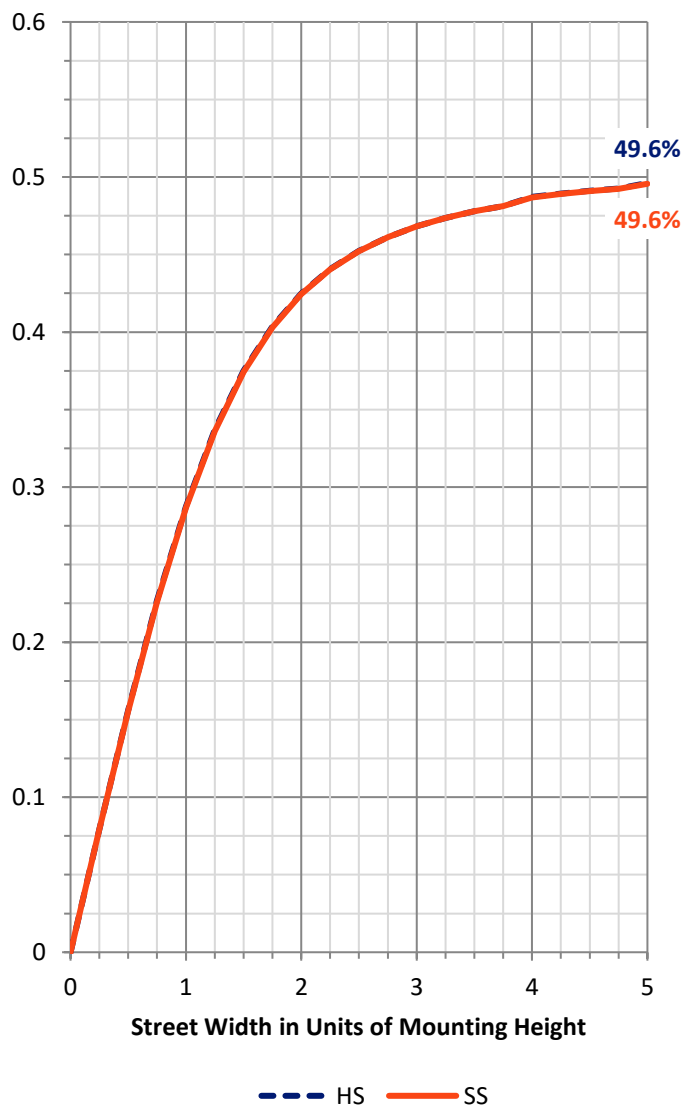
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2133.0	0.0	2133.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2133.0	0.0	2133.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4265.9	0.0	4265.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.2	0.6
10°-20°	87.1	2.0
20°-30°	190.0	4.5
30°-40°	381.4	8.9
40°-50°	712.3	16.7
50°-60°	1049.1	24.6
60°-70°	1056.9	24.8
70°-80°	630.9	14.8
80°-90°	132.9	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°	4265.9	100.0
0°-180°	4265.9	100.0

Coefficient of Utilization



REPORT NUMBER: P198120

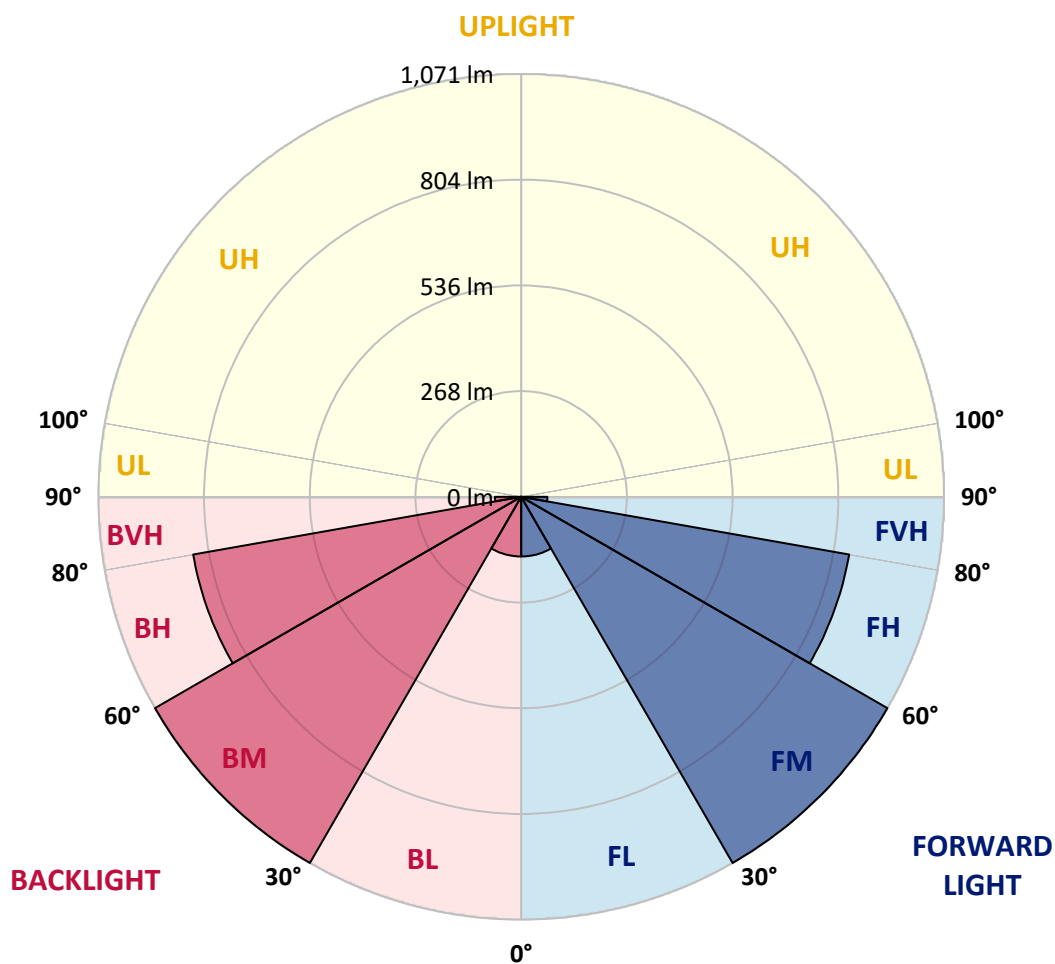
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	151.1	3.5			
FM	(30°-60°)	1071.4	25.1			
FH	(60°-80°)	843.9	19.8			G1/1800
FVH	(80°-90°)	66.5	1.6			G1/100
BL	(0°-30°)	151.1	3.5	B1/500		
BM	(30°-60°)	1071.4	25.1	B2/2500		
BH	(60°-80°)	843.9	19.8	B2/1000		G2/1000
BVH	(80°-90°)	66.5	1.6			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	253.7	253.7	253.7	253.7	253.7	253.7	253.7	253.7	253.7	253.7	253.7
2.5°	255.5	255.5	255.5	255.5	255.5	254.6	255.5	254.6	254.6	254.6	254.6
5°	258.3	258.3	258.3	259.2	259.2	259.2	259.2	258.3	259.2	258.3	259.2
7.5°	264.8	264.8	264.8	264.8	264.8	264.8	265.7	264.8	265.7	264.8	264.8
10°	273.1	273.1	273.1	273.1	274.1	274.1	274.1	275.0	275.0	275.0	275.0
12.5°	285.2	285.2	285.2	285.2	285.2	285.2	286.1	286.1	287.0	287.0	287.0
15°	300.9	300.9	300.0	300.0	300.0	300.9	300.9	302.8	301.8	301.8	301.8
17.5°	320.4	319.4	319.4	319.4	319.4	319.4	319.4	321.3	321.3	321.3	322.2
20°	341.6	343.5	342.6	340.7	340.7	340.7	341.6	343.5	343.5	346.3	347.2
22.5°	371.3	372.2	370.4	369.4	366.6	366.6	369.4	370.4	374.1	373.1	374.1
25°	402.8	401.8	400.9	399.1	399.1	399.1	400.9	403.7	406.5	409.2	409.2
27.5°	437.9	437.0	436.1	435.2	433.3	436.1	437.9	444.4	446.3	452.8	450.9
30°	476.8	477.8	475.9	475.0	474.0	475.0	482.4	491.6	499.0	503.7	504.6
32.5°	520.3	521.3	520.3	518.5	520.3	525.0	534.2	546.3	561.1	569.4	572.2
35°	568.5	570.3	568.5	570.3	572.2	580.5	597.2	615.7	641.6	649.0	653.7
37.5°	620.3	618.5	617.6	620.3	628.7	646.3	669.4	701.8	728.7	750.9	750.9
40°	672.2	673.1	674.0	674.0	689.8	713.8	751.8	795.3	835.1	863.8	864.8
42.5°	727.7	727.7	727.7	736.1	755.5	793.5	842.5	906.4	961.1	987.9	991.6
45°	784.2	787.9	789.8	800.9	829.6	877.7	942.5	1019.4	1088.8	1124.9	1123.1
47.5°	839.8	844.4	848.1	864.8	903.7	955.5	1036.1	1128.6	1207.3	1248.1	1251.8
50°	897.2	894.4	901.8	922.2	965.7	1032.4	1118.5	1224.9	1314.7	1364.7	1368.4
52.5°	935.1	934.2	941.6	962.9	1013.8	1088.8	1187.9	1309.2	1406.4	1458.3	1473.1
55°	962.0	961.1	969.4	994.4	1049.9	1129.6	1237.0	1364.7	1462.9	1516.6	1524.0
57.5°	974.0	974.9	982.4	1008.3	1065.7	1149.0	1260.1	1383.3	1476.8	1526.8	1533.2
60°	972.2	973.1	979.6	1004.6	1061.1	1141.6	1249.0	1364.7	1453.6	1499.9	1507.3
62.5°	952.7	951.8	957.4	978.6	1028.6	1103.6	1206.4	1315.7	1399.9	1442.5	1450.8
65°	912.0	911.1	911.1	929.6	972.2	1036.1	1133.3	1230.5	1309.2	1349.9	1351.8
67.5°	845.3	845.3	843.5	854.6	886.1	948.1	1031.4	1120.3	1184.2	1222.2	1227.7
70°	755.5	757.4	750.9	757.4	783.3	832.4	906.4	977.7	1027.7	1071.2	1074.0
72.5°	657.4	650.0	647.2	649.0	668.5	700.0	763.8	824.0	870.3	900.0	905.5
75°	530.5	530.5	528.7	525.9	537.0	568.5	611.1	660.1	699.0	719.4	726.8
77.5°	406.5	410.2	404.6	404.6	412.9	437.0	474.0	500.9	528.7	542.6	538.9
80°	288.9	287.9	285.2	283.3	292.6	306.5	336.1	351.8	360.2	373.1	378.7
82.5°	178.7	180.5	183.3	175.0	178.7	191.7	207.4	215.7	219.4	225.0	224.1
85°	88.0	88.9	89.8	90.7	90.7	95.4	104.6	108.3	111.1	113.9	112.0
87.5°	32.4	30.6	29.6	29.6	29.6	30.6	35.2	34.3	36.1	36.1	38.0
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)