

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: P198116

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198116
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-C2-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: 3244.4 lumens
Efficiency: N/A
Efficacy: 95.4 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): 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

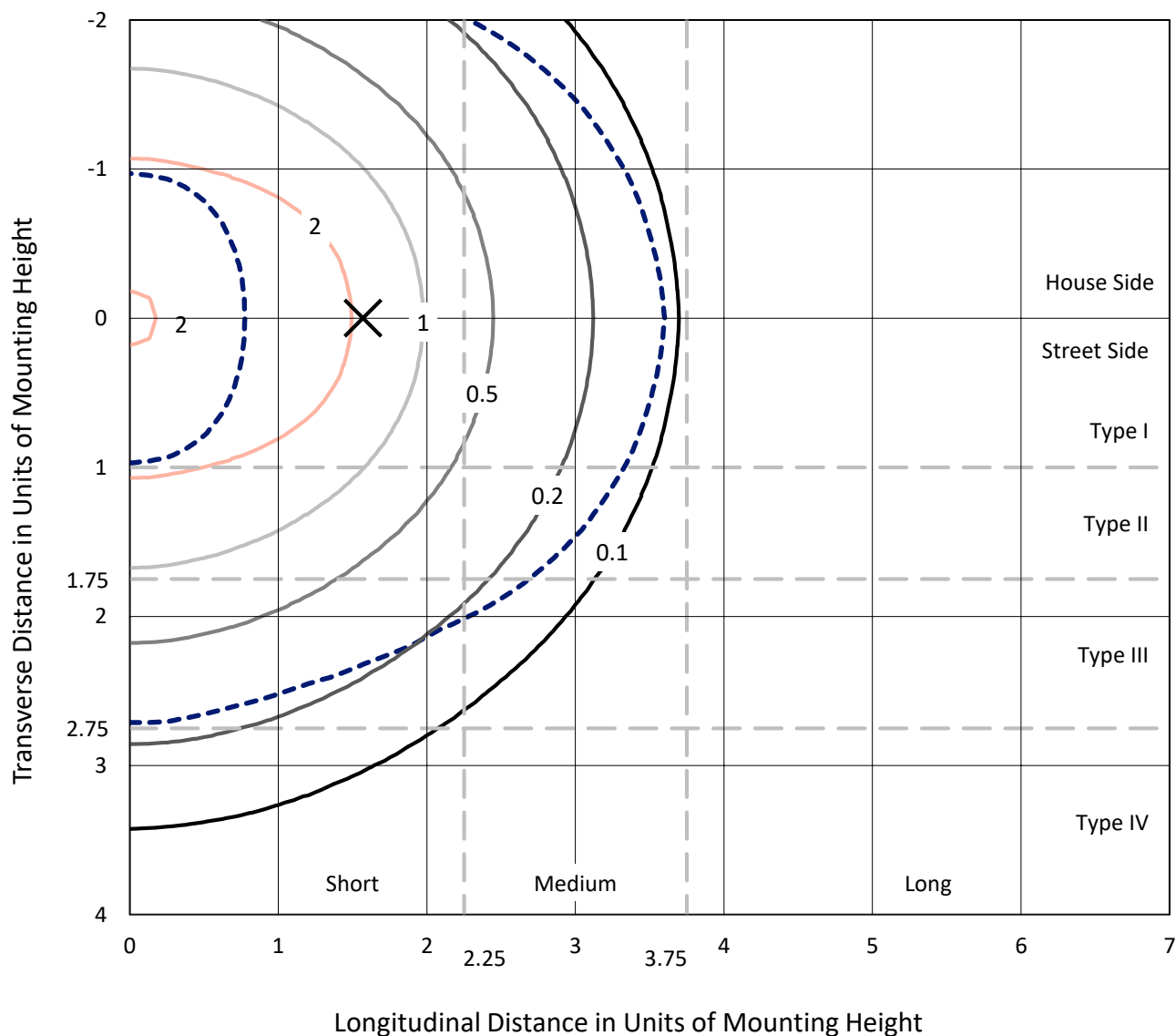


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

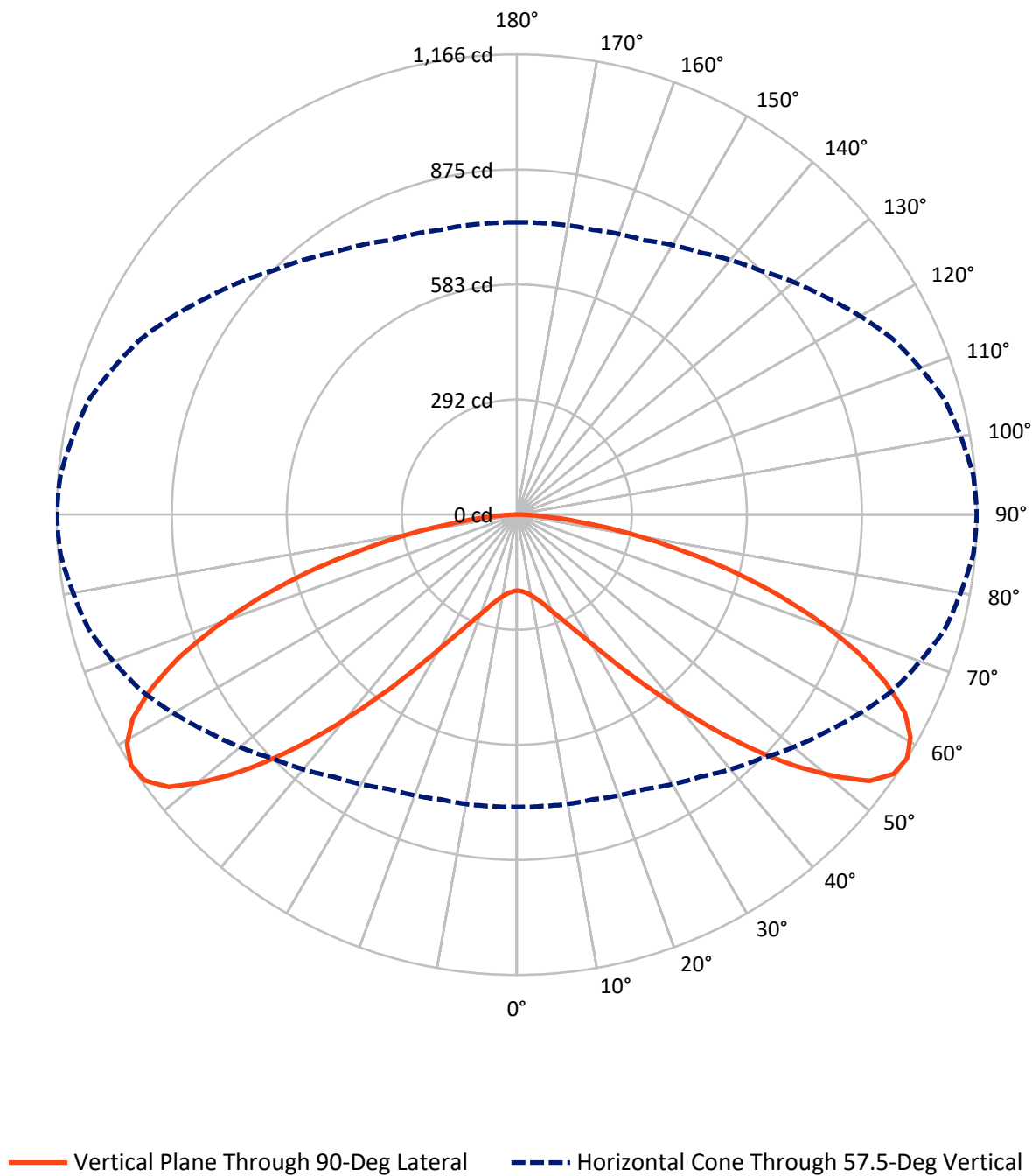


Based on 10 foot mounting height. Maximum calculated value = 3 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



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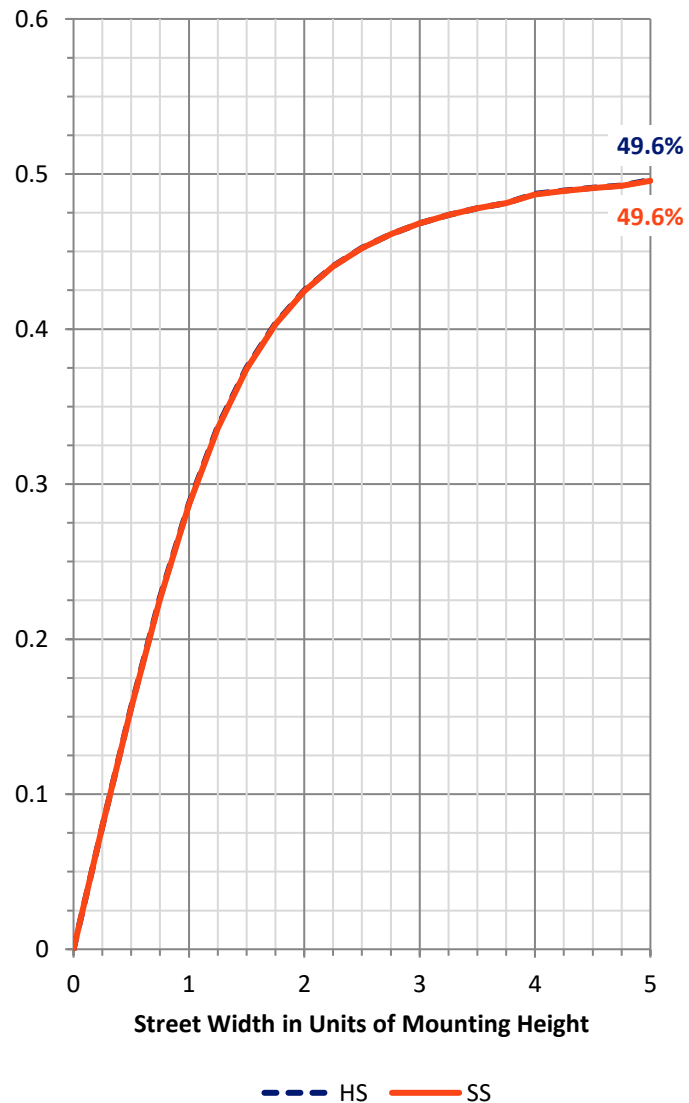
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1622.2	0.0	1622.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1622.2	0.0	1622.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	3244.4	0.0	3244.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.6
10°-20°	66.2	2.0
20°-30°	144.5	4.5
30°-40°	290.1	8.9
40°-50°	541.7	16.7
50°-60°	797.9	24.6
60°-70°	803.8	24.8
70°-80°	479.8	14.8
80°-90°	101.1	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°	3244.4	100.0
0°-180°	3244.4	100.0

Coefficient of Utilization



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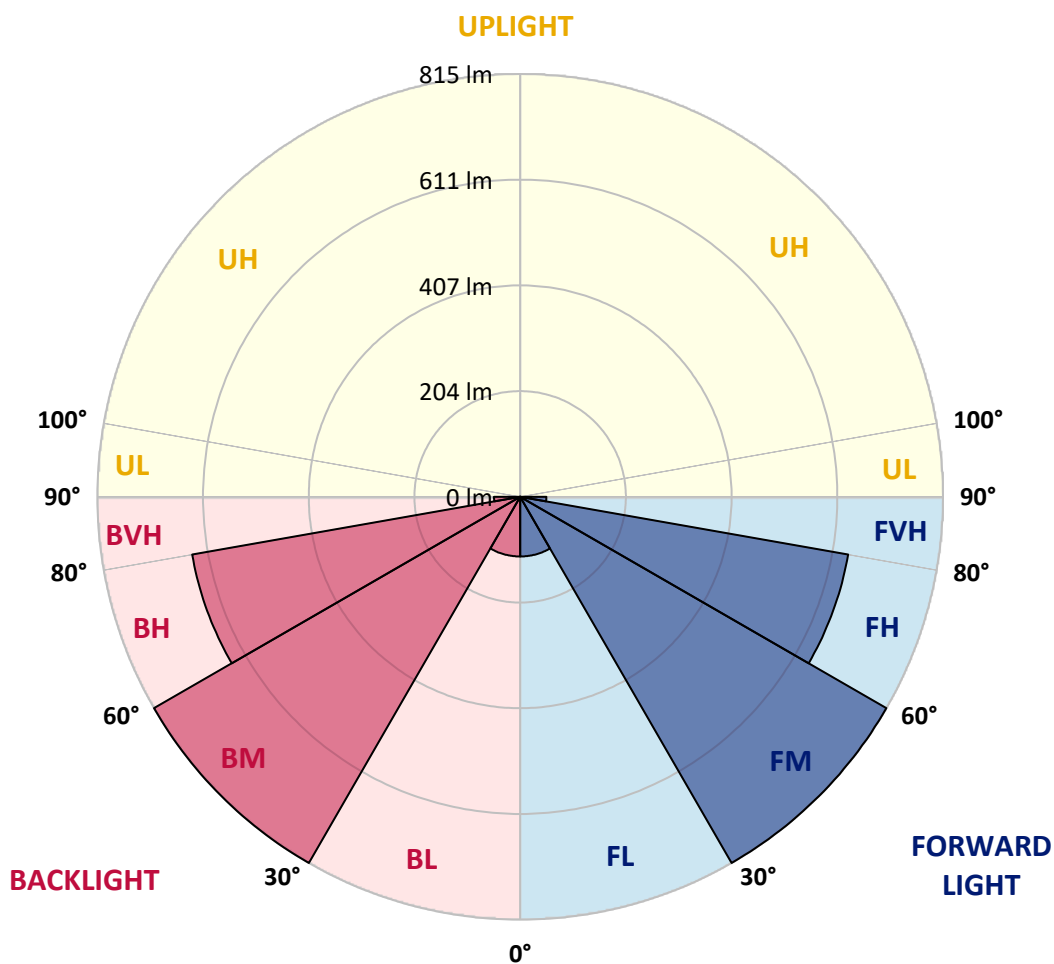
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	115.0	3.5			
FM	(30°-60°)	814.9	25.1			
FH	(60°-80°)	641.8	19.8			G0/660
FVH	(80°-90°)	50.6	1.6			G1/100
BL	(0°-30°)	115.0	3.5	B1/500		
BM	(30°-60°)	814.9	25.1	B1/1000		
BH	(60°-80°)	641.8	19.8	B2/1000		G2/1000
BVH	(80°-90°)	50.6	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9	192.9
2.5°	194.3	194.3	194.3	194.3	194.3	193.6	194.3	193.6	193.6	193.6	193.6
5°	196.5	196.5	196.5	197.2	197.2	197.2	197.2	196.5	197.2	196.5	197.2
7.5°	201.4	201.4	201.4	201.4	201.4	201.4	202.1	201.4	202.1	201.4	201.4
10°	207.7	207.7	207.7	207.7	208.4	208.4	208.4	209.1	209.1	209.1	209.1
12.5°	216.9	216.9	216.9	216.9	216.9	216.9	217.6	217.6	218.3	218.3	218.3
15°	228.9	228.9	228.1	228.1	228.1	228.9	228.9	230.3	229.6	229.6	229.6
17.5°	243.6	242.9	242.9	242.9	242.9	242.9	242.9	244.3	244.3	244.3	245.0
20°	259.8	261.2	260.5	259.1	259.1	259.1	259.8	261.2	261.2	263.4	264.1
22.5°	282.4	283.1	281.7	281.0	278.8	278.8	281.0	281.7	284.5	283.8	284.5
25°	306.3	305.6	304.9	303.5	303.5	303.5	304.9	307.0	309.1	311.2	311.2
27.5°	333.1	332.4	331.7	331.0	329.5	331.7	333.1	338.0	339.4	344.3	342.9
30°	362.6	363.3	361.9	361.2	360.5	361.2	366.9	373.9	379.5	383.1	383.8
32.5°	395.7	396.4	395.7	394.3	395.7	399.3	406.3	415.5	426.7	433.1	435.2
35°	432.4	433.8	432.4	433.8	435.2	441.5	454.2	468.3	488.0	493.6	497.1
37.5°	471.8	470.4	469.7	471.8	478.1	491.5	509.1	533.8	554.2	571.1	571.1
40°	511.2	511.9	512.6	512.6	524.6	542.9	571.8	604.9	635.2	657.0	657.7
42.5°	553.5	553.5	553.5	559.8	574.6	603.5	640.8	689.4	730.9	751.3	754.2
45°	596.4	599.2	600.6	609.1	630.9	667.5	716.8	775.3	828.1	855.6	854.1
47.5°	638.7	642.2	645.0	657.7	687.3	726.7	788.0	858.4	918.2	949.2	952.0
50°	682.3	680.2	685.9	701.3	734.4	785.1	850.6	931.6	999.9	1037.9	1040.7
52.5°	711.2	710.5	716.1	732.3	771.1	828.1	903.4	995.7	1069.6	1109.1	1120.3
55°	731.6	730.9	737.3	756.3	798.5	859.1	940.8	1037.9	1112.6	1153.4	1159.0
57.5°	740.8	741.5	747.1	766.8	810.5	873.9	958.4	1052.0	1123.1	1161.2	1166.1
60°	739.4	740.1	745.0	764.0	807.0	868.2	949.9	1037.9	1105.5	1140.7	1146.4
62.5°	724.6	723.9	728.1	744.3	782.3	839.4	917.5	1000.6	1064.7	1097.1	1103.4
65°	693.6	692.9	692.9	707.0	739.4	788.0	861.9	935.8	995.7	1026.7	1028.1
67.5°	642.9	642.9	641.5	649.9	673.9	721.1	784.4	852.0	900.6	929.5	933.7
70°	574.6	576.0	571.1	576.0	595.7	633.0	689.4	743.6	781.6	814.7	816.8
72.5°	500.0	494.3	492.2	493.6	508.4	532.3	580.9	626.7	661.9	684.4	688.7
75°	403.5	403.5	402.1	400.0	408.4	432.4	464.7	502.1	531.6	547.1	552.8
77.5°	309.1	311.9	307.7	307.7	314.1	332.4	360.5	381.0	402.1	412.6	409.8
80°	219.7	219.0	216.9	215.5	222.5	233.1	255.6	267.6	273.9	283.8	288.0
82.5°	135.9	137.3	139.4	133.1	135.9	145.8	157.7	164.1	166.9	171.1	170.4
85°	66.9	67.6	68.3	69.0	69.0	72.5	79.6	82.4	84.5	86.6	85.2
87.5°	24.6	23.2	22.5	22.5	22.5	23.2	26.8	26.1	27.5	27.5	28.9
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)