

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: P197961

Luminaire Tested: **TT-C6-LED-E1-RW-LWR-LW-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P197961
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34693)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: TT-C6-LED-E1-RW-LWR-LW-8030
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH LumaWatt WIRELESS SENSOR
Light Source: (160) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6707.3 lumens
Efficiency: N/A
Efficacy: 62.1 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 108
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



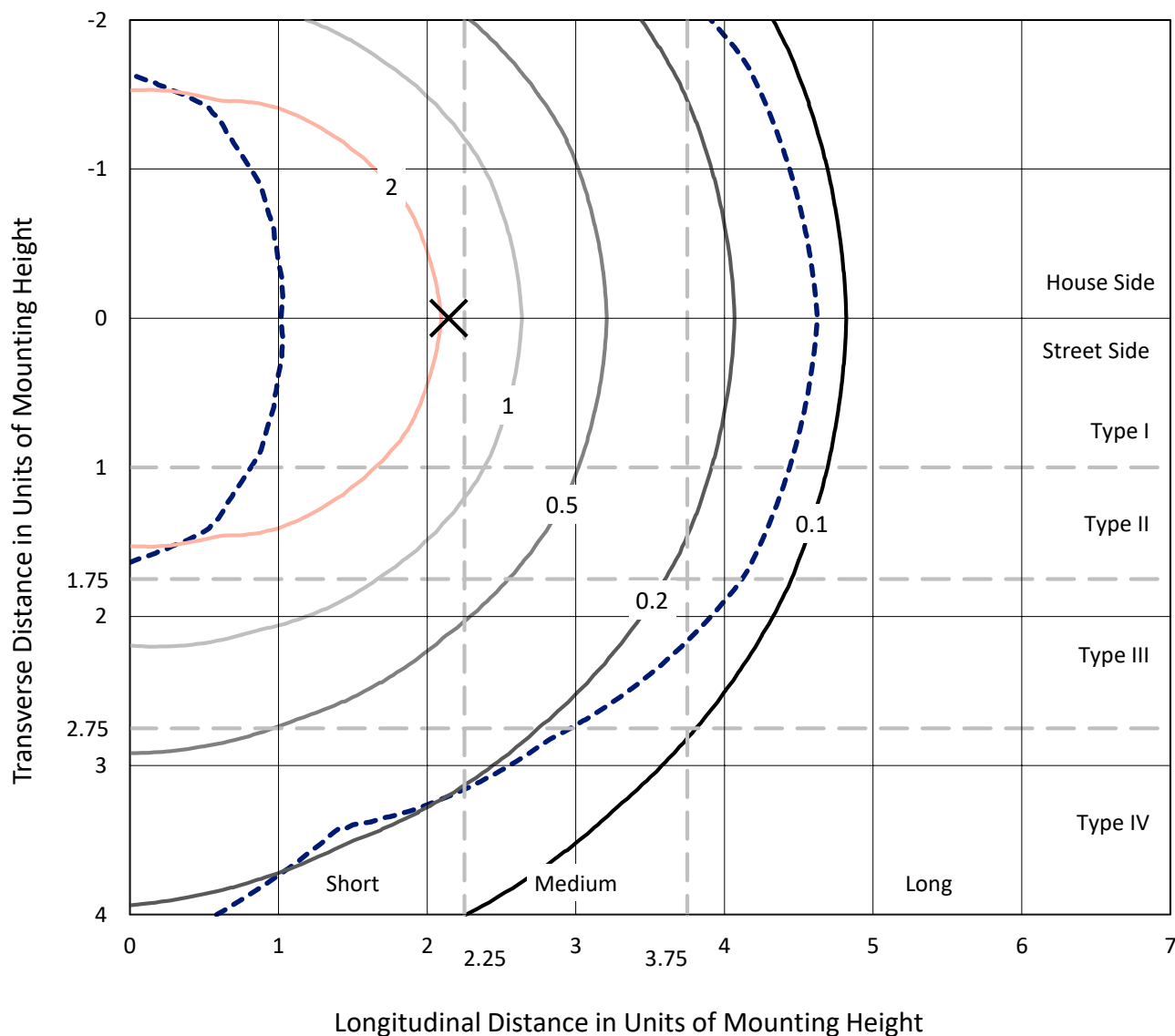
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

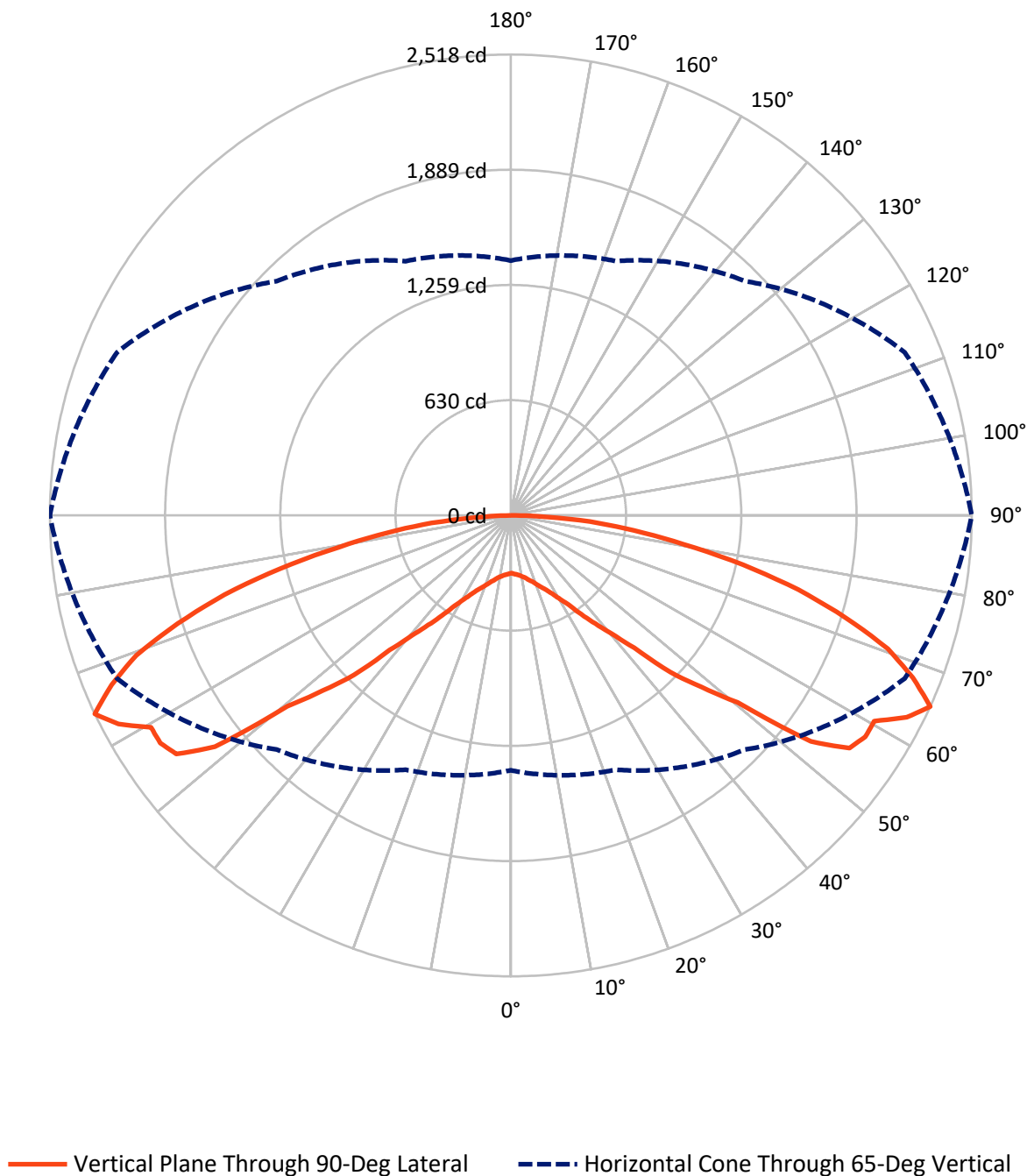


Based on 10 foot mounting height. Maximum calculated value = 4.5 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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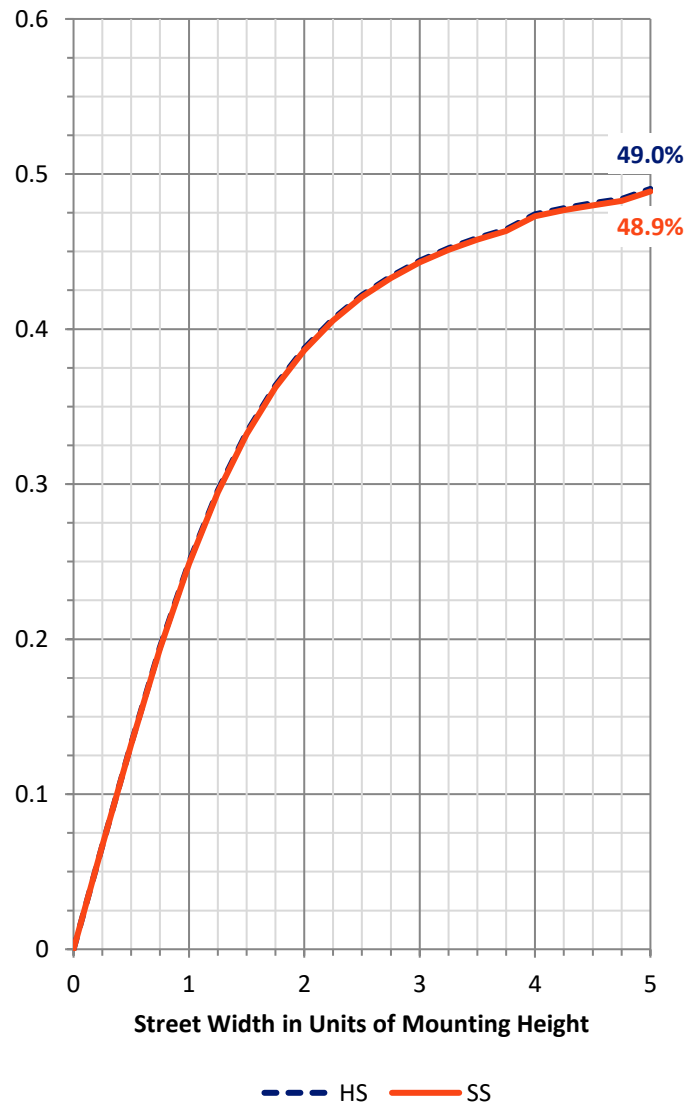
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3353.6	0.0	3353.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3353.6	0.0	3353.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6707.3	0.0	6707.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.5	0.5
10°-20°	107.1	1.6
20°-30°	224.8	3.4
30°-40°	427.4	6.4
40°-50°	794.5	11.8
50°-60°	1408.0	21.0
60°-70°	1828.7	27.3
70°-80°	1456.6	21.7
80°-90°	428.6	6.4
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°	6707.3	100.0
0°-180°	6707.3	100.0

Coefficient of Utilization



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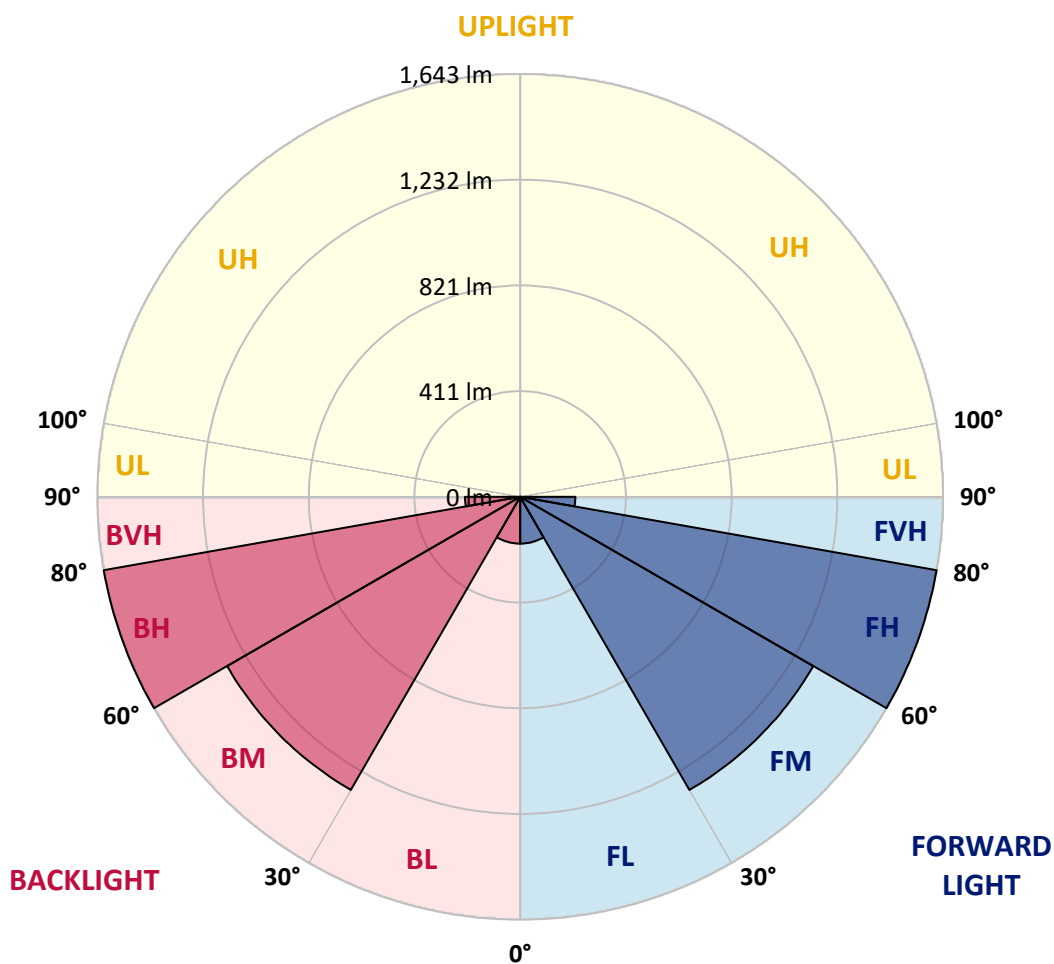
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	181.7	2.7			
FM	(30°-60°)	1315.0	19.6			
FH	(60°-80°)	1642.7	24.5			G1/1800
FVH	(80°-90°)	214.3	3.2			G2/225
BL	(0°-30°)	181.7	2.7	B1/500		
BM	(30°-60°)	1315.0	19.6	B2/2500		
BH	(60°-80°)	1642.7	24.5	B3/2500		G3/2500
BVH	(80°-90°)	214.3	3.2			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	315.1	315.1	315.1	315.1	315.1
2.5°	318.1	318.1	319.6	319.6	319.6
5°	324.0	324.0	325.5	325.5	324.0
7.5°	331.4	334.3	332.9	329.9	329.9
10°	343.2	344.7	341.7	340.3	338.8
12.5°	358.0	359.5	353.6	352.1	349.1
15°	378.7	377.3	371.3	365.4	365.4
17.5°	406.8	398.0	387.6	383.2	380.2
20°	439.4	427.6	414.2	403.9	402.4
22.5°	476.4	460.1	442.3	427.6	426.1
25°	511.9	498.6	476.4	457.1	451.2
27.5°	550.3	540.0	511.9	489.7	485.3
30°	594.7	585.9	553.3	532.6	531.1
32.5°	646.5	634.7	599.2	584.4	582.9
35°	708.6	686.5	655.4	645.0	662.8
37.5°	767.8	742.7	717.5	735.3	750.1
40°	819.6	803.3	791.5	828.5	849.2
42.5°	869.9	861.0	869.9	924.6	988.3
45°	923.2	926.1	958.7	1108.1	1222.0
47.5°	985.3	986.8	1063.7	1293.0	1401.0
50°	1053.3	1051.9	1188.0	1432.1	1605.2
52.5°	1119.9	1125.8	1312.2	1730.9	2052.0
55°	1179.1	1211.6	1480.9	2031.2	2244.3
57.5°	1230.9	1293.0	1639.2	2120.0	2282.7
60°	1287.1	1390.7	1750.2	2137.8	2281.3
62.5°	1341.8	1467.6	1773.8	2216.2	2427.7
65°	1392.1	1503.1	1809.3	2328.6	2518.0
67.5°	1433.6	1520.8	1809.3	2231.0	2368.6
70°	1467.6	1498.7	1704.3	2054.9	2185.1
72.5°	1460.2	1406.9	1531.2	1838.9	1914.4
75°	1390.7	1245.7	1349.2	1547.5	1622.9
77.5°	1216.1	1043.0	1099.2	1247.2	1296.0
80°	963.1	813.7	846.2	940.9	955.7
82.5°	679.1	584.4	596.2	668.7	679.1
85°	399.4	359.5	347.7	412.8	433.5
87.5°	118.4	103.6	102.1	124.3	137.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)