

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: P197964

Luminaire Tested: **TT-C6-LED-E1-RW-PM-LWR-LW-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P197964
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-PM-LWR-LW-7060
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH LumaWatt WIRELESS SENSOR
Light Source: (160) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8742.8 lumens
Efficiency: N/A
Efficacy: 81.0 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 (A_{in}): 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

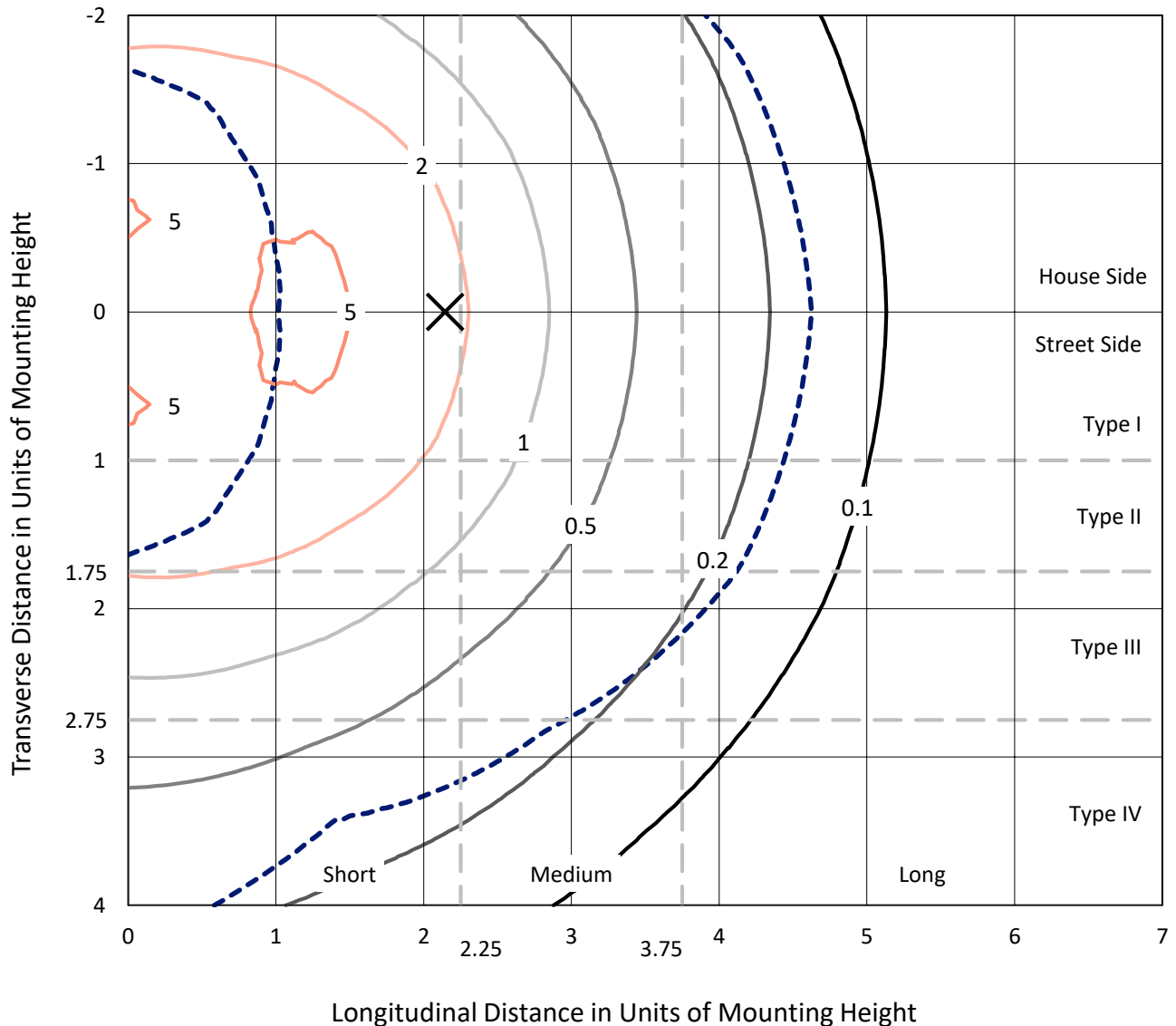


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

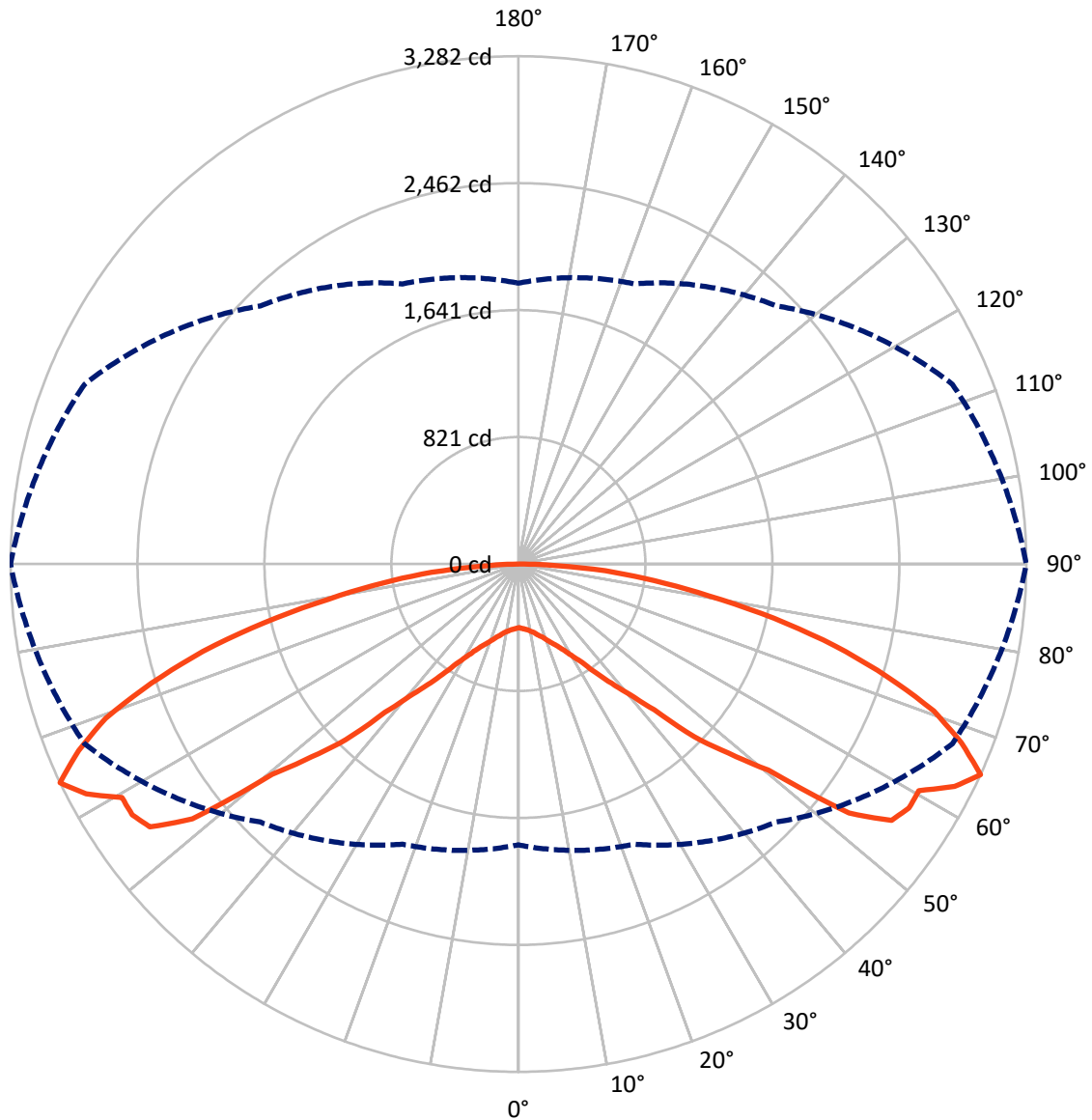


Based on 10 foot mounting height. Maximum calculated value = 5.9 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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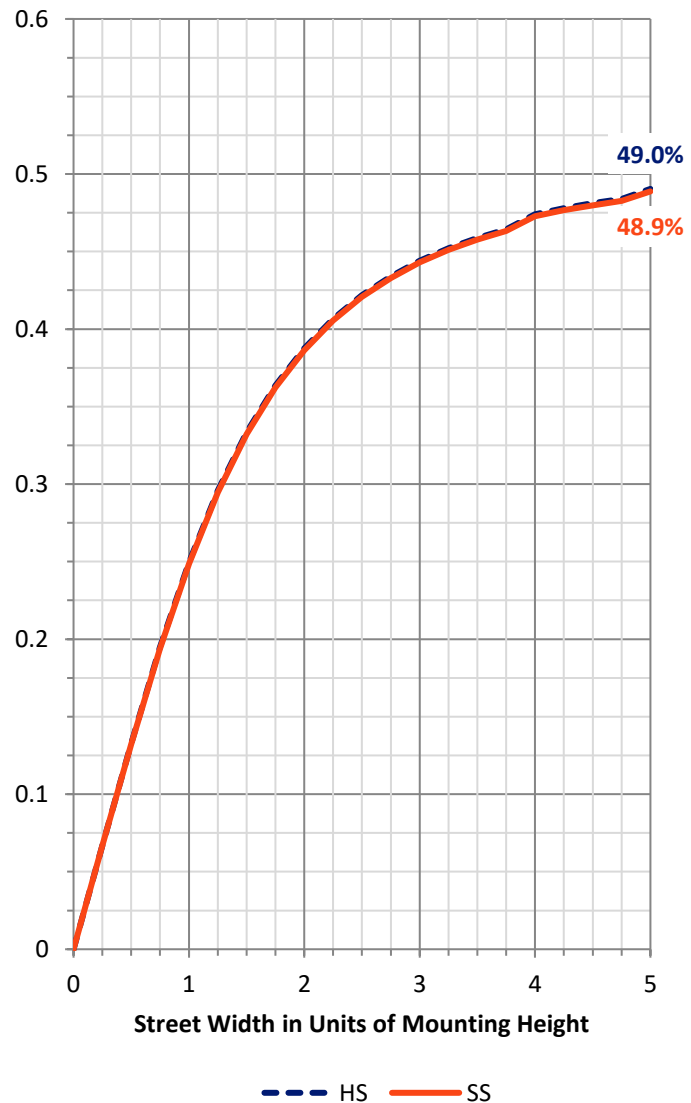
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4371.4	0.0	4371.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4371.4	0.0	4371.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	8742.8	0.0	8742.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.1	0.5
10°-20°	139.6	1.6
20°-30°	293.0	3.4
30°-40°	557.1	6.4
40°-50°	1035.6	11.8
50°-60°	1835.4	21.0
60°-70°	2383.7	27.3
70°-80°	1898.6	21.7
80°-90°	558.6	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°	8742.8	100.0
0°-180°	8742.8	100.0



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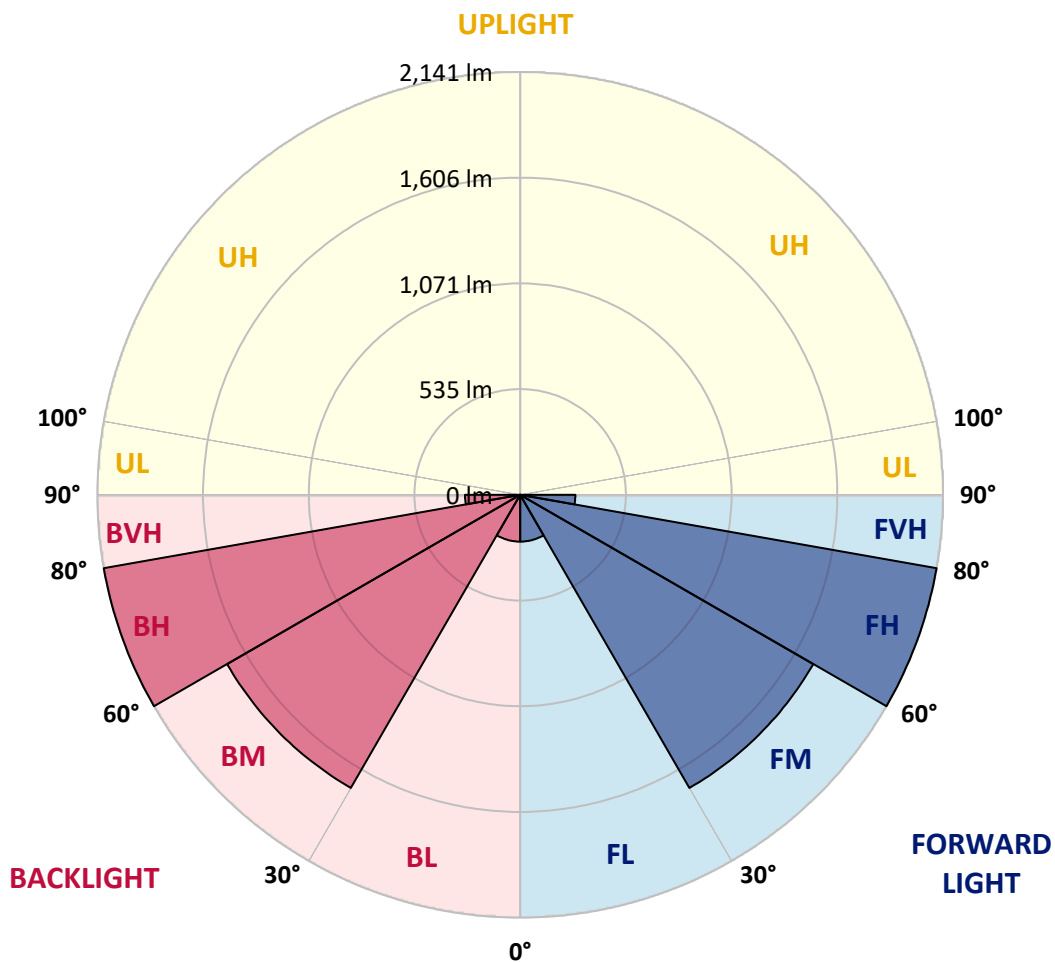
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	236.8	2.7			
FM	(30°-60°)	1714.1	19.6			
FH	(60°-80°)	2141.2	24.5			G2/5000
FVH	(80°-90°)	279.3	3.2			G3/500
BL	(0°-30°)	236.8	2.7	B1/500		
BM	(30°-60°)	1714.1	19.6	B2/2500		
BH	(60°-80°)	2141.2	24.5	B3/2500		G3/2500
BVH	(80°-90°)	279.3	3.2			G3/500
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°	410.7	410.7	410.7	410.7	410.7
2.5°	414.6	414.6	416.5	416.5	416.5
5°	422.3	422.3	424.2	424.2	422.3
7.5°	432.0	435.8	433.9	430.0	430.0
10°	447.4	449.3	445.5	443.5	441.6
12.5°	466.7	468.6	460.9	459.0	455.1
15°	493.7	491.7	484.0	476.3	476.3
17.5°	530.3	518.7	505.2	499.5	495.6
20°	572.7	557.3	540.0	526.5	524.5
22.5°	620.9	599.7	576.6	557.3	555.4
25°	667.2	649.9	620.9	595.9	588.2
27.5°	717.4	703.9	667.2	638.3	632.5
30°	775.2	763.6	721.2	694.2	692.3
32.5°	842.7	827.3	781.0	761.7	759.8
35°	923.7	894.8	854.3	840.8	863.9
37.5°	1000.8	968.1	935.3	958.4	977.7
40°	1068.3	1047.1	1031.7	1079.9	1106.9
42.5°	1133.9	1122.3	1133.9	1205.3	1288.2
45°	1203.3	1207.2	1249.6	1444.4	1592.9
47.5°	1284.3	1286.2	1386.5	1685.4	1826.2
50°	1373.0	1371.1	1548.5	1866.7	2092.3
52.5°	1459.8	1467.5	1710.5	2256.2	2674.7
55°	1536.9	1579.4	1930.3	2647.7	2925.4
57.5°	1604.4	1685.4	2136.7	2763.4	2975.5
60°	1677.7	1812.7	2281.3	2786.5	2973.6
62.5°	1749.1	1913.0	2312.2	2888.7	3164.5
65°	1814.6	1959.3	2358.4	3035.3	3282.1
67.5°	1868.6	1982.4	2358.4	2908.0	3087.4
70°	1913.0	1953.5	2221.5	2678.6	2848.3
72.5°	1903.3	1833.9	1995.9	2397.0	2495.4
75°	1812.7	1623.7	1758.7	2017.1	2115.5
77.5°	1585.1	1359.5	1432.8	1625.6	1689.3
80°	1255.4	1060.6	1103.0	1226.5	1245.7
82.5°	885.1	761.7	777.1	871.6	885.1
85°	520.7	468.6	453.2	538.0	565.0
87.5°	154.3	135.0	133.1	162.0	179.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)