

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: P197952

Luminaire Tested: **TT-C3-LED-E1-RW-PM-LWR-LW-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P197952
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-C3-LED-E1-RW-PM-LWR-LW-7060
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH LumaWatt WIRELESS SENSOR
Light Source: (168) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4197.6 lumens
Efficiency: N/A
Efficacy: 93.3 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): 45
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

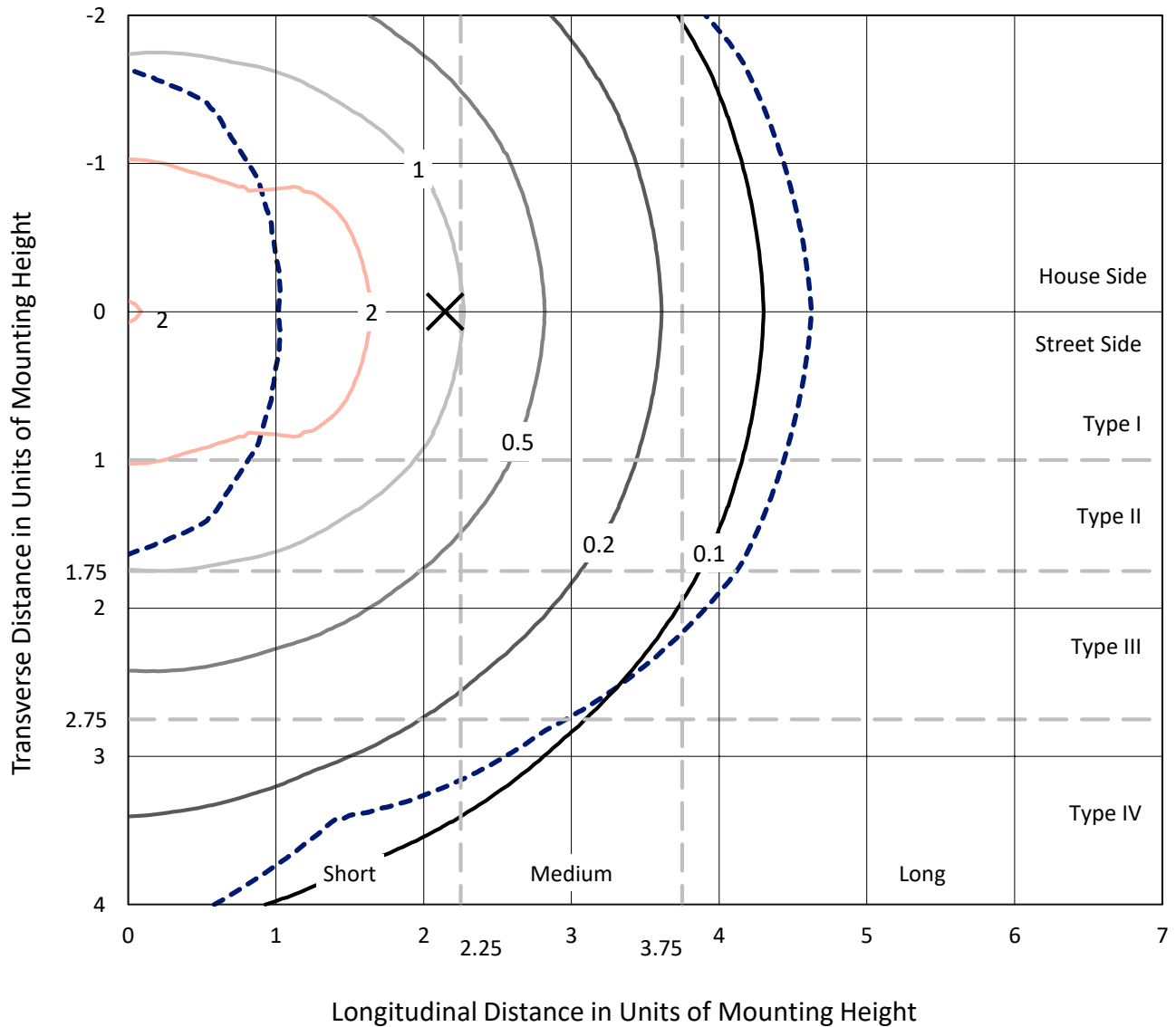


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

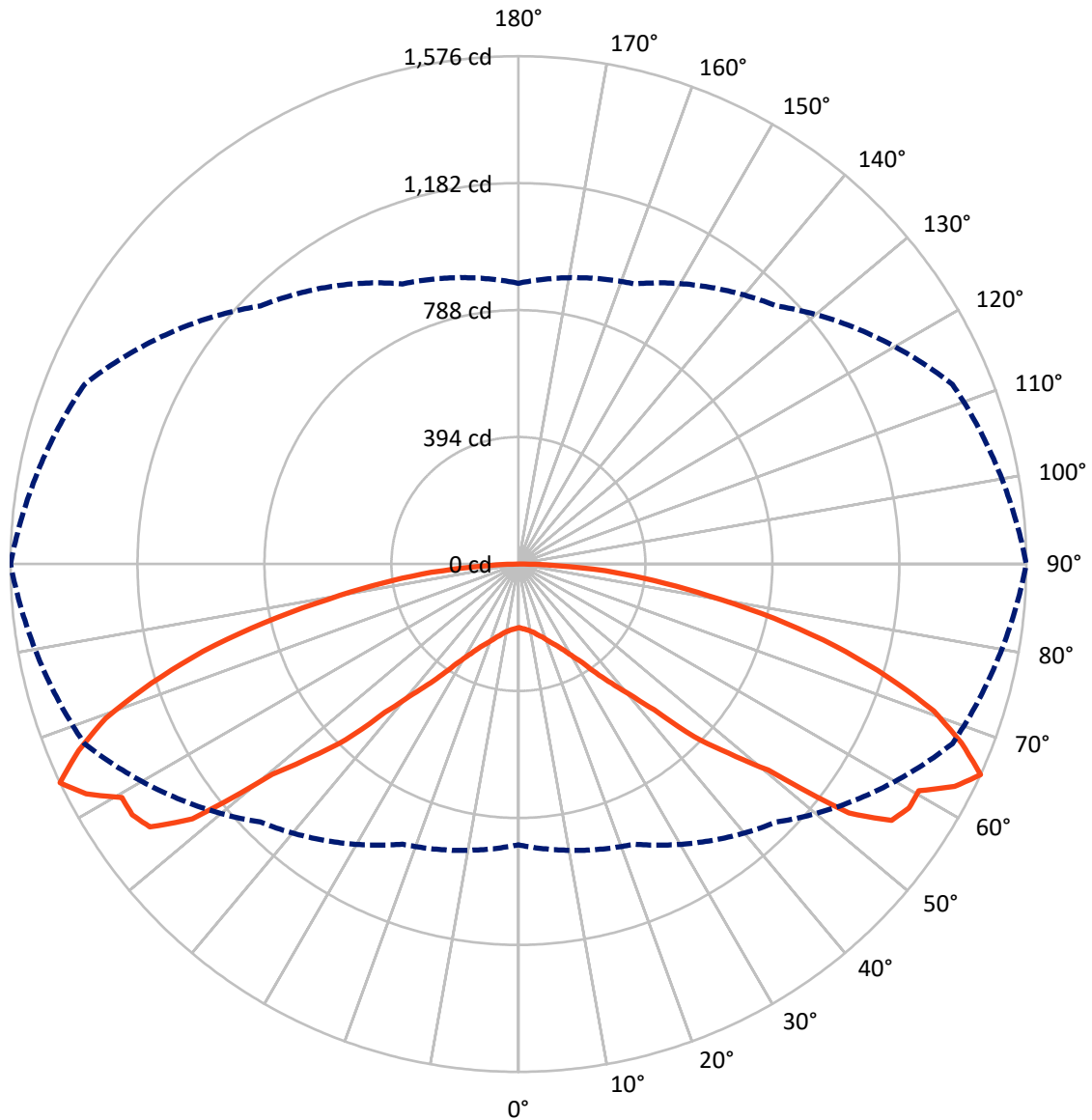


Based on 10 foot mounting height. Maximum calculated value = 2.8 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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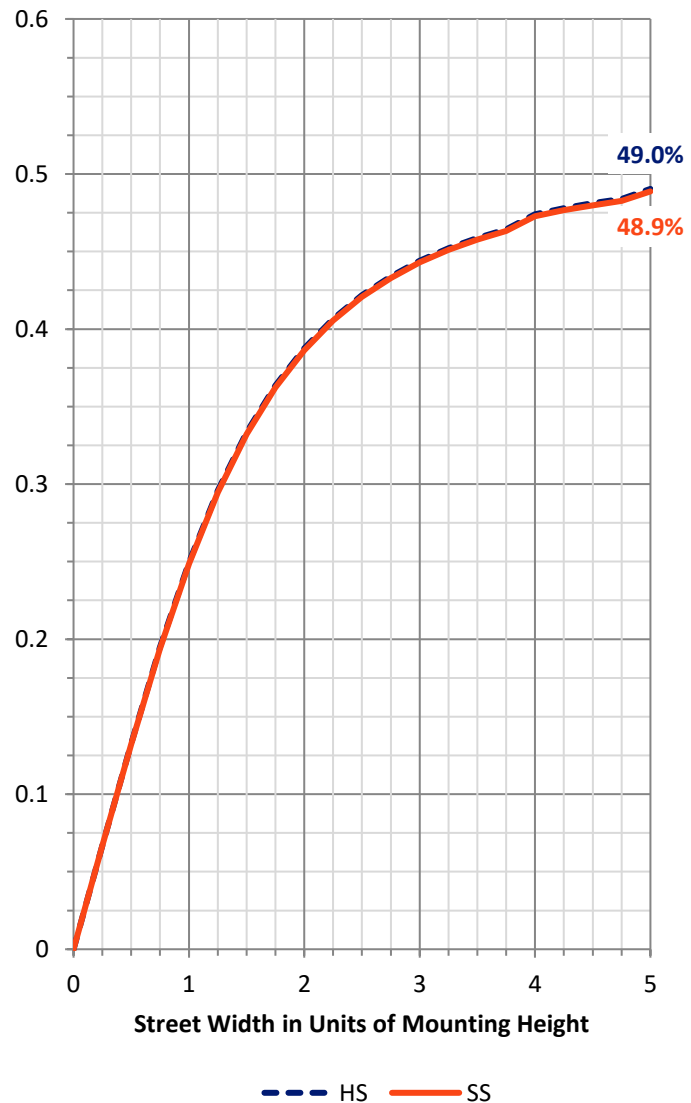
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2098.8	0.0	2098.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2098.8	0.0	2098.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4197.6	0.0	4197.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.7	0.5
10°-20°	67.0	1.6
20°-30°	140.7	3.4
30°-40°	267.5	6.4
40°-50°	497.2	11.8
50°-60°	881.2	21.0
60°-70°	1144.5	27.3
70°-80°	911.6	21.7
80°-90°	268.2	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°	4197.6	100.0
0°-180°	4197.6	100.0



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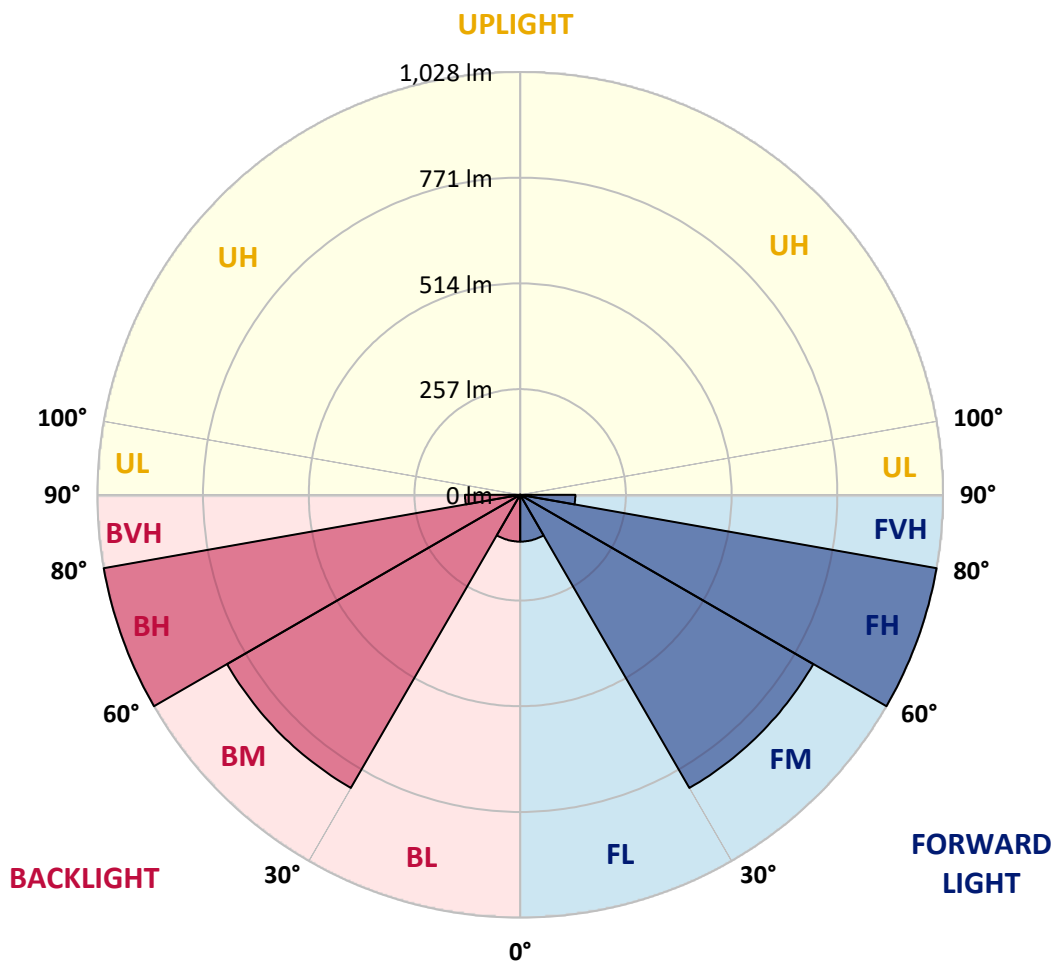
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	113.7	2.7			
FM (30°-60°)	823.0	19.6			
FH (60°-80°)	1028.0	24.5			G1/1800
FVH (80°-90°)	134.1	3.2			G2/225
BL (0°-30°)	113.7	2.7	B1/500		
BM (30°-60°)	823.0	19.6	B1/1000		
BH (60°-80°)	1028.0	24.5	B3/2500		G3/2500
BVH (80°-90°)	134.1	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°	197.2	197.2	197.2	197.2	197.2
2.5°	199.1	199.1	200.0	200.0	200.0
5°	202.8	202.8	203.7	203.7	202.8
7.5°	207.4	209.2	208.3	206.5	206.5
10°	214.8	215.7	213.9	213.0	212.0
12.5°	224.1	225.0	221.3	220.4	218.5
15°	237.0	236.1	232.4	228.7	228.7
17.5°	254.6	249.1	242.6	239.8	237.9
20°	275.0	267.6	259.2	252.8	251.8
22.5°	298.1	287.9	276.8	267.6	266.7
25°	320.4	312.0	298.1	286.1	282.4
27.5°	344.4	337.9	320.4	306.5	303.7
30°	372.2	366.6	346.3	333.3	332.4
32.5°	404.6	397.2	375.0	365.7	364.8
35°	443.5	429.6	410.2	403.7	414.8
37.5°	480.5	464.8	449.0	460.2	469.4
40°	512.9	502.8	495.3	518.5	531.5
42.5°	544.4	538.9	544.4	578.7	618.5
45°	577.7	579.6	600.0	693.5	764.8
47.5°	616.6	617.6	665.7	809.2	876.8
50°	659.2	658.3	743.5	896.2	1004.6
52.5°	700.9	704.6	821.3	1083.3	1284.2
55°	737.9	758.3	926.8	1271.2	1404.6
57.5°	770.3	809.2	1025.9	1326.8	1428.6
60°	805.5	870.3	1095.3	1337.9	1427.7
62.5°	839.8	918.5	1110.1	1387.0	1519.4
65°	871.2	940.7	1132.3	1457.3	1575.8
67.5°	897.2	951.8	1132.3	1396.2	1482.3
70°	918.5	937.9	1066.6	1286.0	1367.5
72.5°	913.8	880.5	958.3	1150.9	1198.1
75°	870.3	779.6	844.4	968.5	1015.7
77.5°	761.1	652.7	687.9	780.5	811.1
80°	602.7	509.2	529.6	588.9	598.1
82.5°	425.0	365.7	373.1	418.5	425.0
85°	250.0	225.0	217.6	258.3	271.3
87.5°	74.1	64.8	63.9	77.8	86.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)