

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: P197955

Luminaire Tested: **TT-C4-LED-E1-RW-PM-LWR-LW-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P197955  
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-C4-LED-E1-RW-PM-LWR-LW-7050  
Description: TOPTIER LED AREA/SITE LUMINAIRE  
RECTANGULAR DISTRIBUTION WITH LumaWatt WIRELESS SENSOR  
Light Source: (160) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5319 lumens  
Efficiency: N/A  
Efficacy: 91.7 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): 58  
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

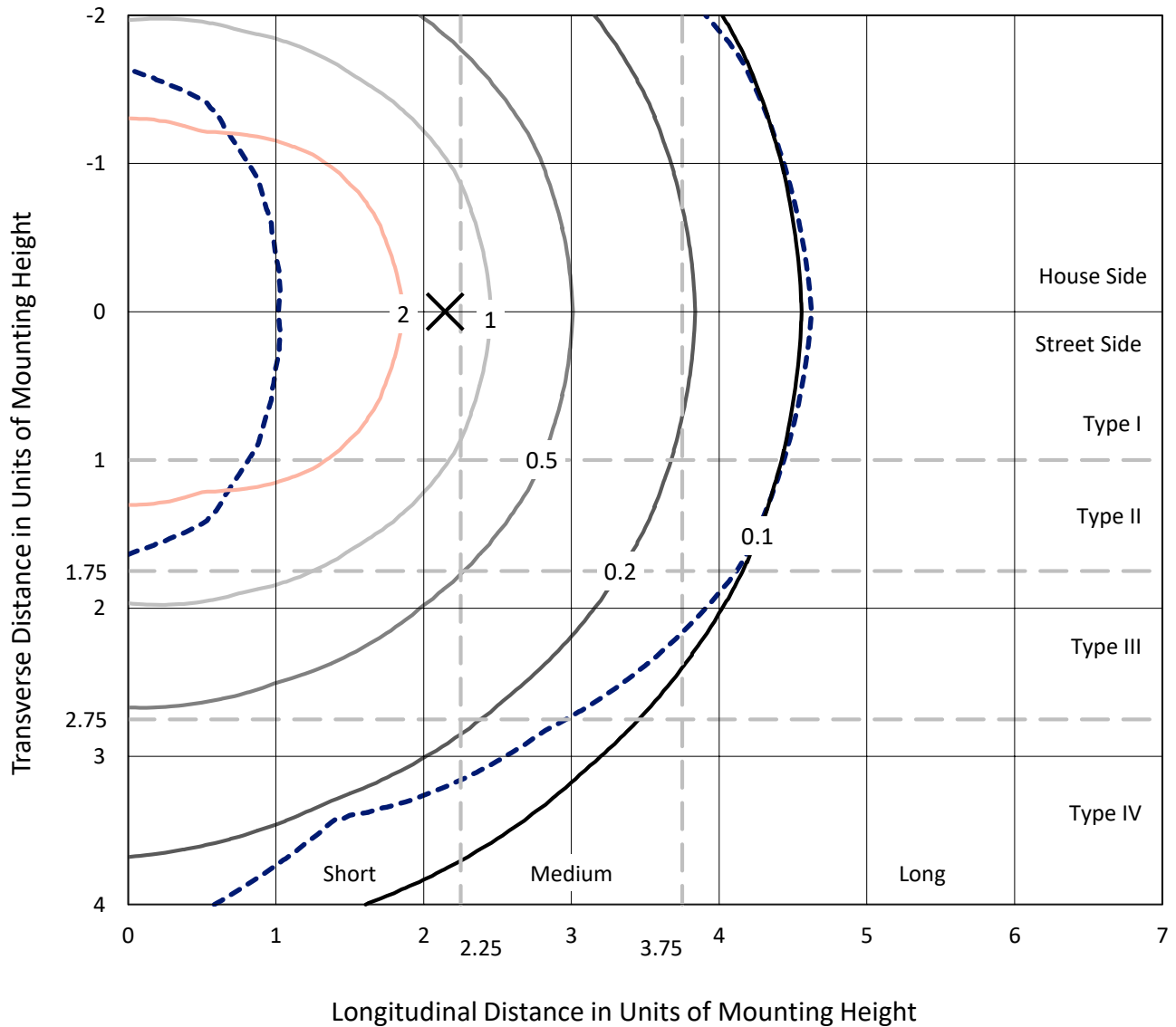


REPORT NUMBER: P197955

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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

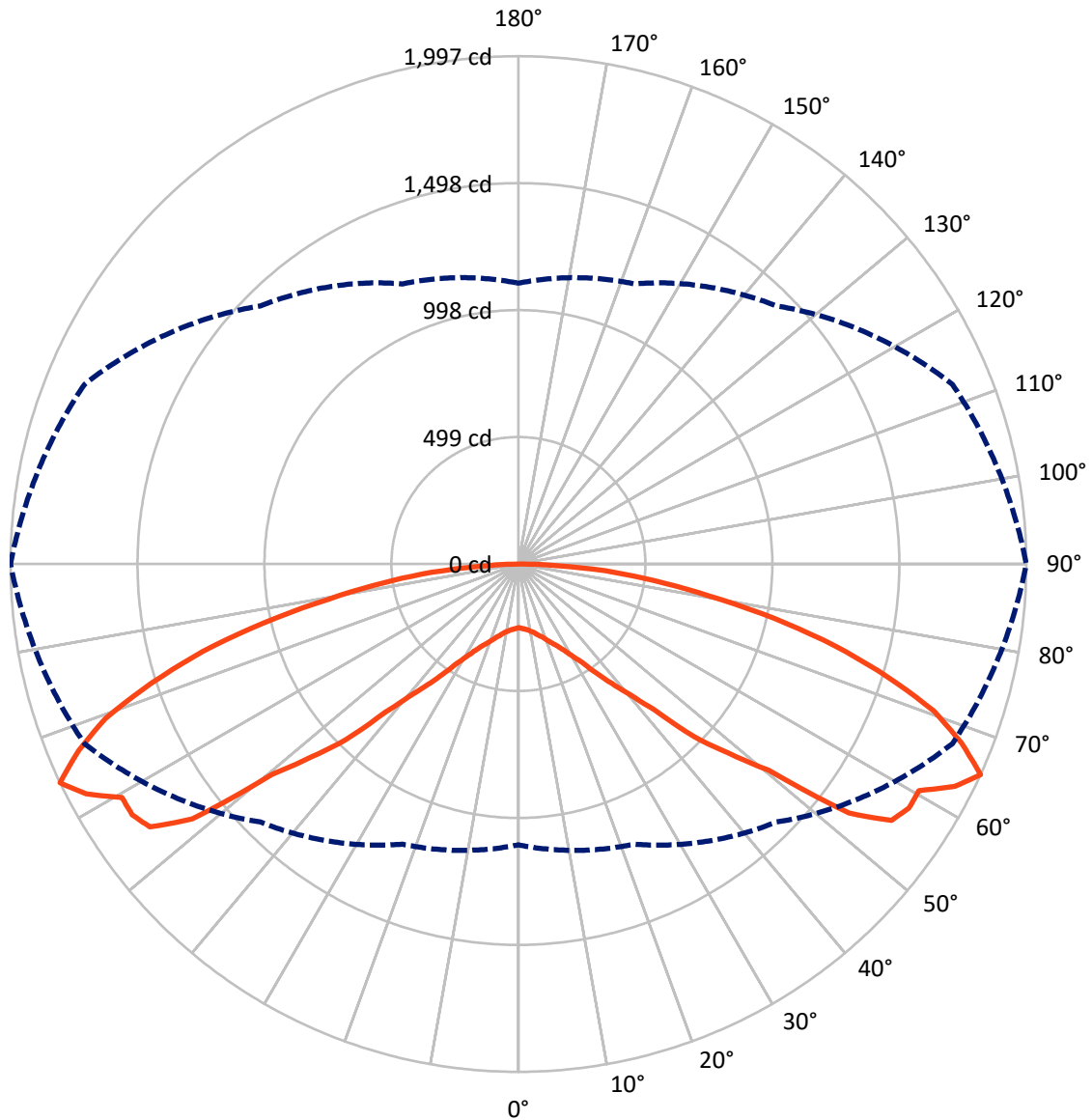


Based on 10 foot mounting height. Maximum calculated value = 3.6 fc  
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P197955

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### Luminous Intensity Polar Plot



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

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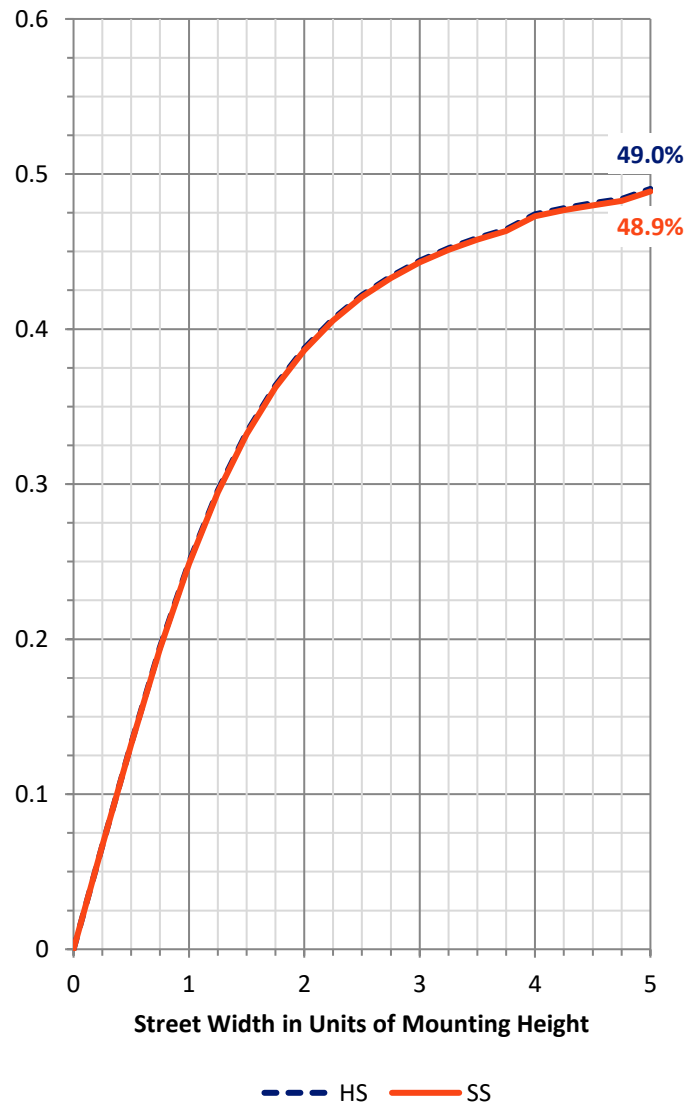
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2659.5	0.0	2659.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2659.5	0.0	2659.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5319.0	0.0	5319.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.0	0.5
10°-20°	84.9	1.6
20°-30°	178.3	3.4
30°-40°	339.0	6.4
40°-50°	630.1	11.8
50°-60°	1116.6	21.0
60°-70°	1450.2	27.3
70°-80°	1155.1	21.7
80°-90°	339.8	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°	5319.0	100.0
0°-180°	5319.0	100.0



REPORT NUMBER: P197955

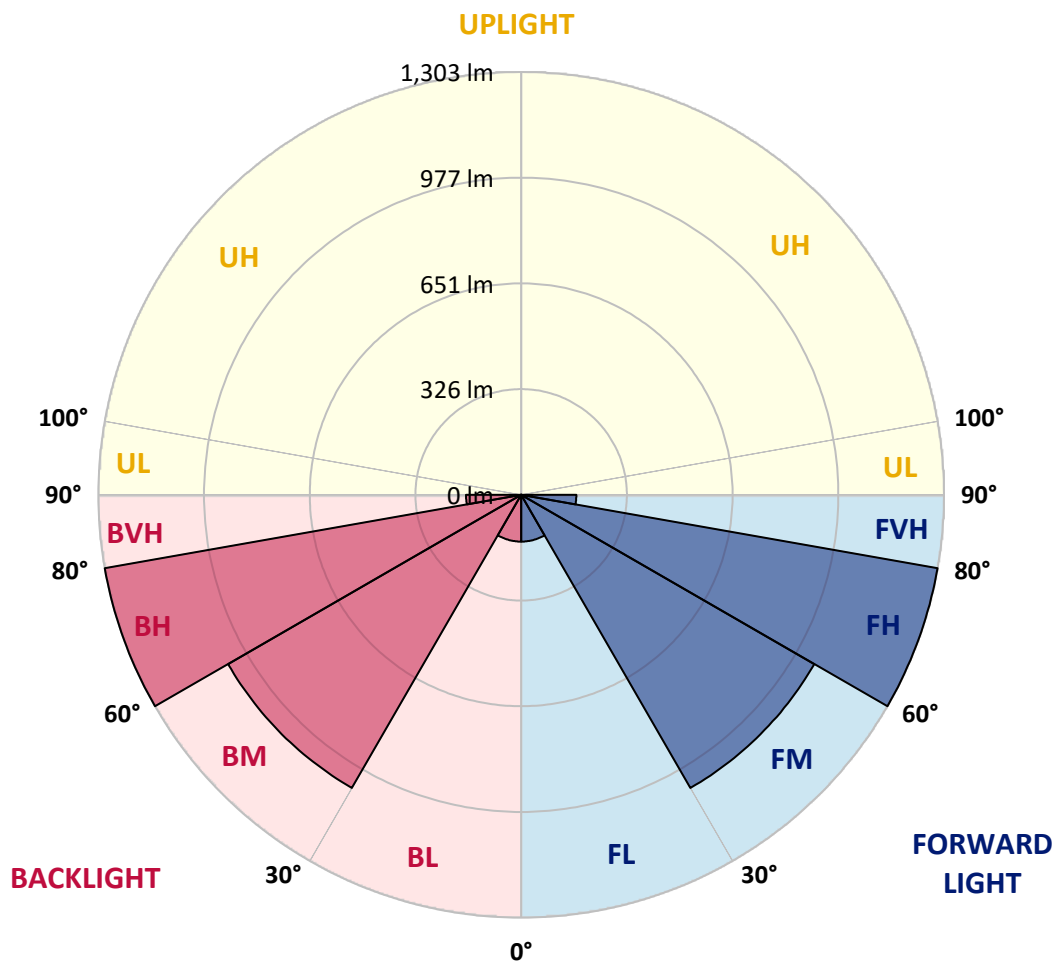
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	144.1	2.7			
FM	(30°-60°)	1042.8	19.6			
FH	(60°-80°)	1302.7	24.5			G1/1800
FVH	(80°-90°)	169.9	3.2			G2/225
BL	(0°-30°)	144.1	2.7	B1/500		
BM	(30°-60°)	1042.8	19.6	B2/2500		
BH	(60°-80°)	1302.7	24.5	B3/2500		G3/2500
BVH	(80°-90°)	169.9	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°	249.9	249.9	249.9	249.9	249.9
2.5°	252.2	252.2	253.4	253.4	253.4
5°	256.9	256.9	258.1	258.1	256.9
7.5°	262.8	265.1	264.0	261.6	261.6
10°	272.2	273.4	271.0	269.8	268.7
12.5°	283.9	285.1	280.4	279.2	276.9
15°	300.3	299.2	294.5	289.8	289.8
17.5°	322.6	315.6	307.4	303.9	301.5
20°	348.4	339.1	328.5	320.3	319.1
22.5°	377.8	364.9	350.8	339.1	337.9
25°	405.9	395.4	377.8	362.5	357.8
27.5°	436.4	428.2	405.9	388.3	384.8
30°	471.6	464.6	438.8	422.4	421.2
32.5°	512.7	503.3	475.1	463.4	462.2
35°	562.0	544.4	519.7	511.5	525.6
37.5°	608.9	588.9	569.0	583.1	594.8
40°	650.0	637.1	627.7	657.0	673.4
42.5°	689.8	682.8	689.8	733.3	783.7
45°	732.1	734.4	760.2	878.7	969.1
47.5°	781.4	782.5	843.5	1025.4	1111.0
50°	835.3	834.1	942.1	1135.7	1272.9
52.5°	888.1	892.8	1040.6	1372.7	1627.2
55°	935.0	960.9	1174.4	1610.8	1779.8
57.5°	976.1	1025.4	1299.9	1681.2	1810.3
60°	1020.7	1102.8	1387.9	1695.3	1809.1
62.5°	1064.1	1163.8	1406.7	1757.5	1925.2
65°	1104.0	1192.0	1434.8	1846.6	1996.8
67.5°	1136.8	1206.1	1434.8	1769.2	1878.3
70°	1163.8	1188.5	1351.5	1629.6	1732.8
72.5°	1158.0	1115.7	1214.3	1458.3	1518.1
75°	1102.8	987.8	1070.0	1227.2	1287.0
77.5°	964.4	827.1	871.7	989.0	1027.7
80°	763.8	645.3	671.1	746.2	757.9
82.5°	538.5	463.4	472.8	530.3	538.5
85°	316.8	285.1	275.7	327.3	343.7
87.5°	93.9	82.1	81.0	98.5	109.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)