

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: P198111

Luminaire Tested: **TT-C1-LED-E1-RW-PM-SG-MS/DIM-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198111
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-C1-LED-E1-RW-PM-SG-MS/DIM-7050
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH SOFTENING GLASS LENS AND DIMMING OCCUPANCY SENSOR
Light Source: (168) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2735.3 lumens
Efficiency: N/A
Efficacy: 97.7 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): 28
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

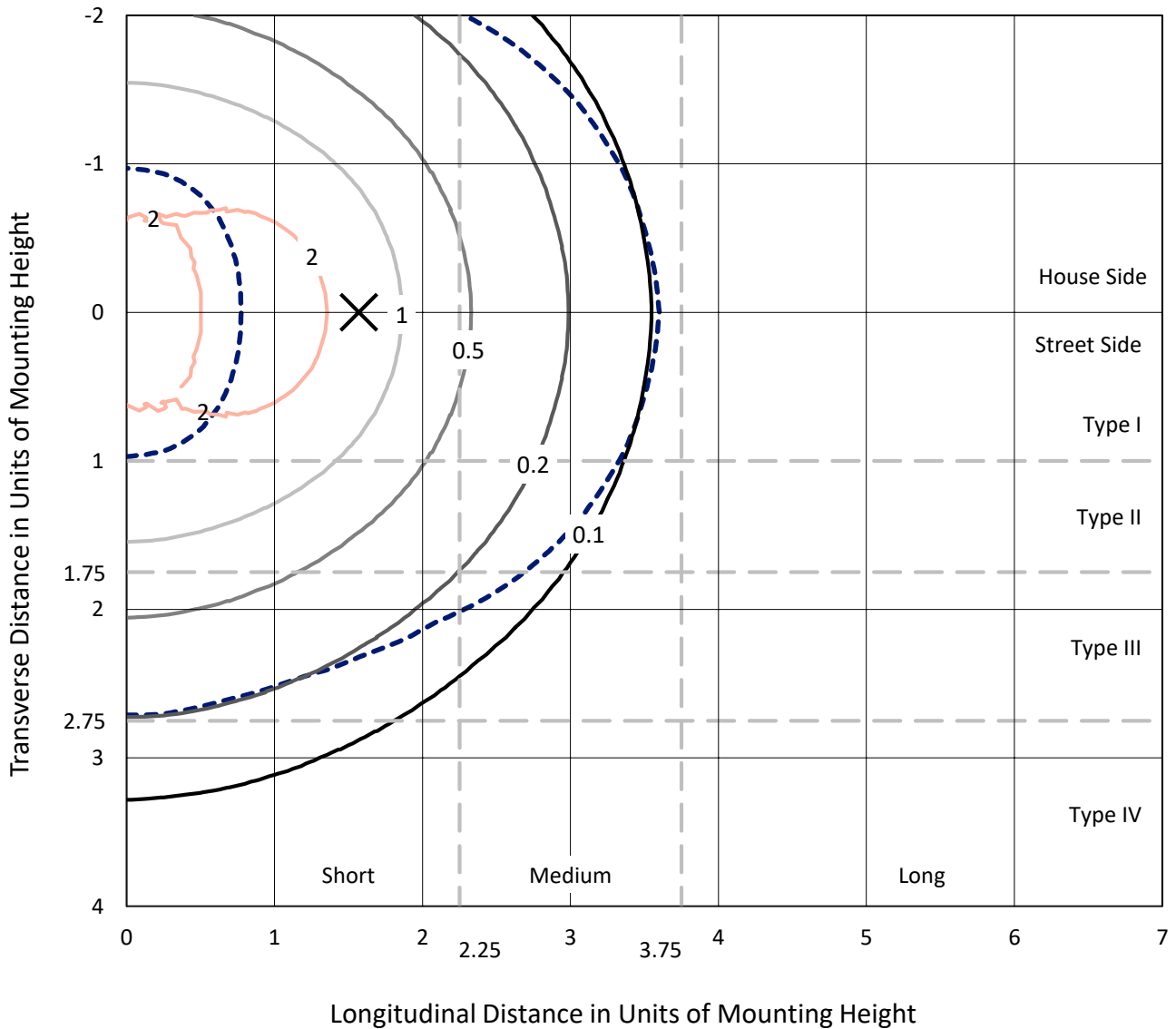


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

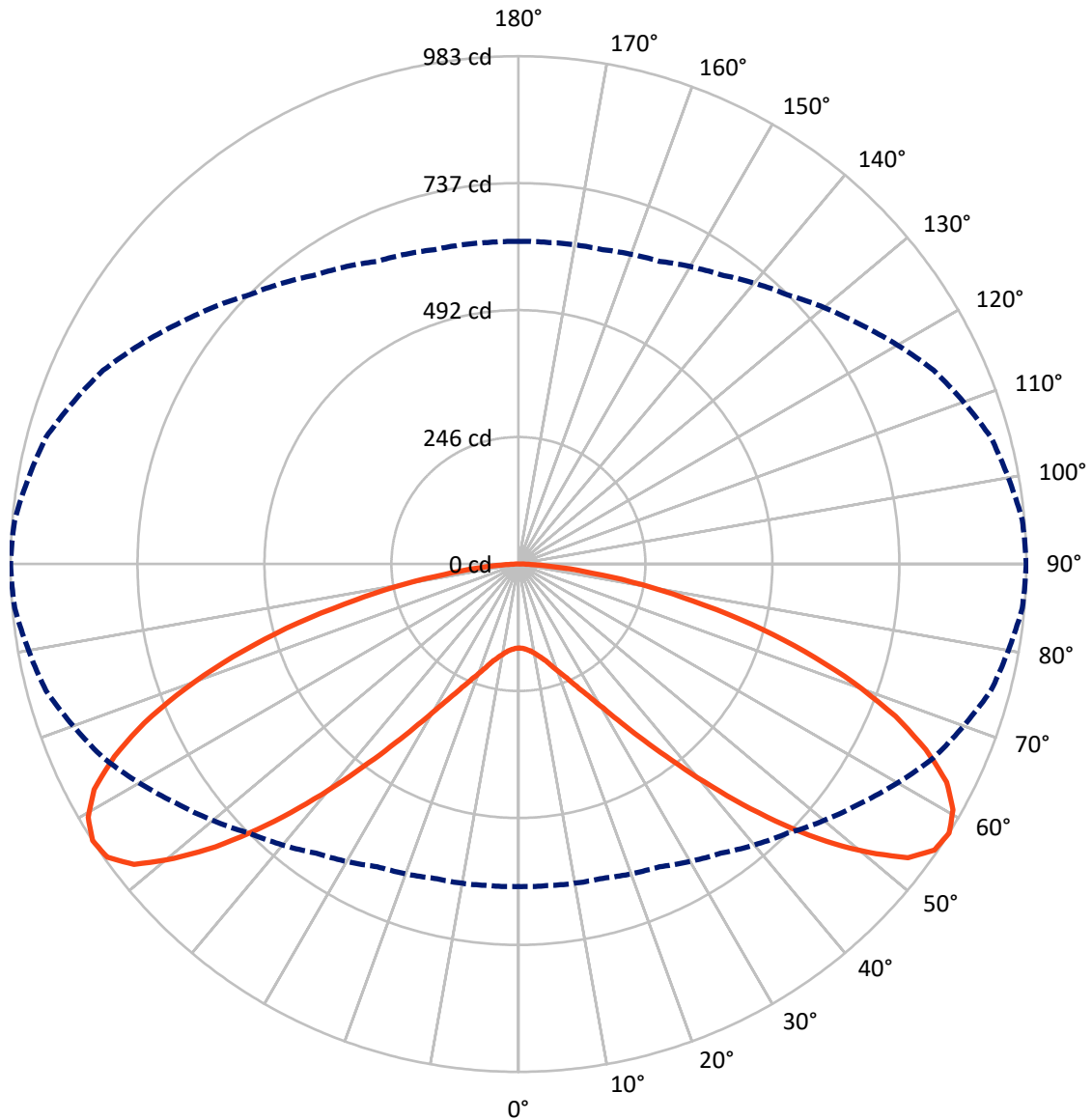


Based on 10 foot mounting height. Maximum calculated value = 2.5 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

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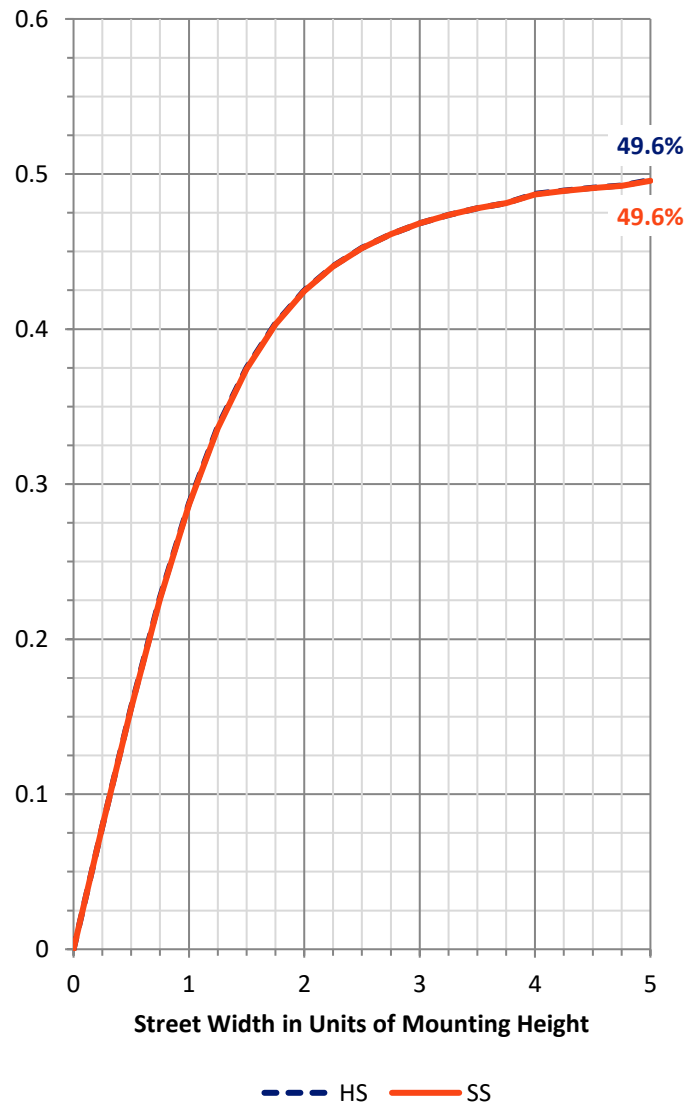
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1367.7	0.0	1367.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1367.7	0.0	1367.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	2735.3	0.0	2735.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	0.6
10°-20°	55.9	2.0
20°-30°	121.8	4.5
30°-40°	244.6	8.9
40°-50°	456.7	16.7
50°-60°	672.7	24.6
60°-70°	677.7	24.8
70°-80°	404.5	14.8
80°-90°	85.2	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°	2735.3	100.0
0°-180°	2735.3	100.0



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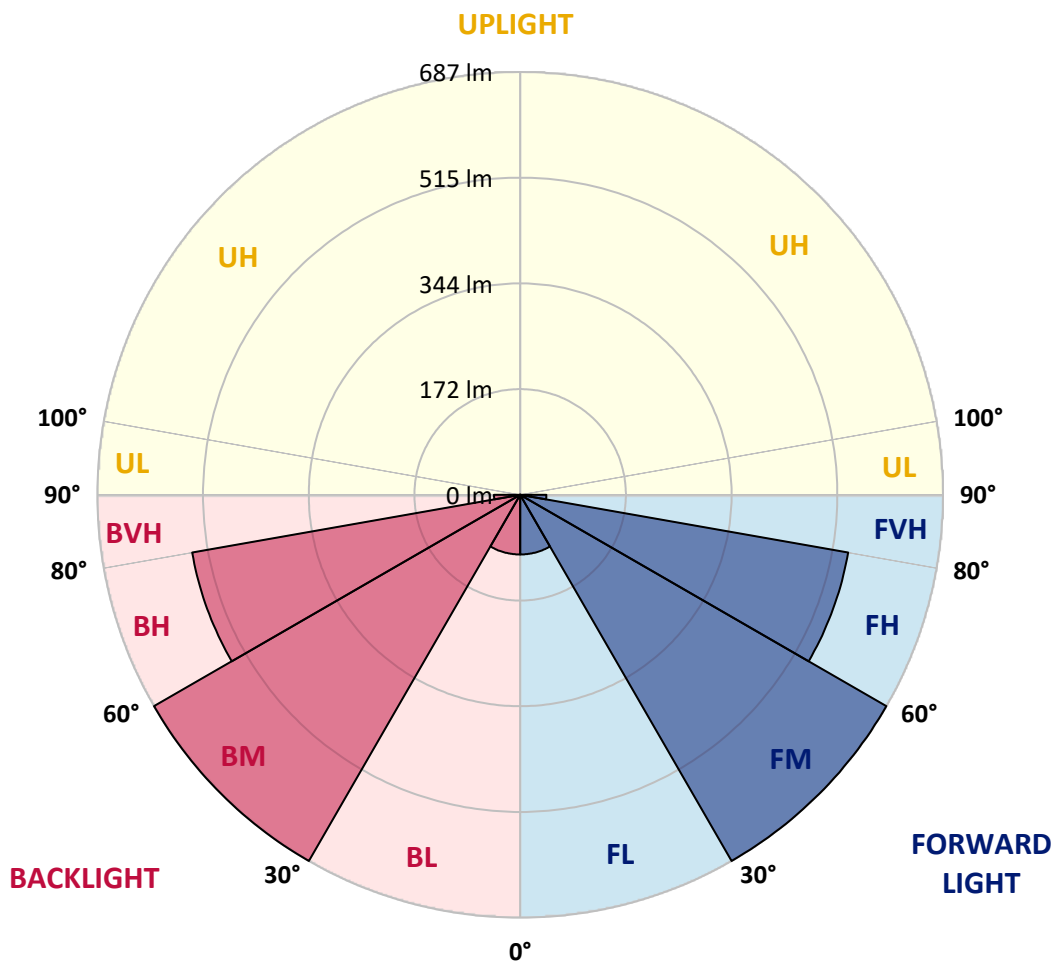
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	96.9	3.5			
FM	(30°-60°)	687.0	25.1			
FH	(60°-80°)	541.1	19.8			G0/660
FVH	(80°-90°)	42.6	1.6			G1/100
BL	(0°-30°)	96.9	3.5	B0/110		
BM	(30°-60°)	687.0	25.1	B1/1000		
BH	(60°-80°)	541.1	19.8	B2/1000		G2/1000
BVH	(80°-90°)	42.6	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°	162.7	162.7	162.7	162.7	162.7	162.7	162.7	162.7	162.7	162.7	162.7
2.5°	163.9	163.9	163.9	163.9	163.9	163.3	163.9	163.3	163.3	163.3	163.3
5°	165.6	165.6	165.6	166.2	166.2	166.2	166.2	165.6	166.2	165.6	166.2
7.5°	169.8	169.8	169.8	169.8	169.8	169.8	170.4	169.8	170.4	169.8	169.8
10°	175.1	175.1	175.1	175.1	175.7	175.7	175.7	176.3	176.3	176.3	176.3
12.5°	182.9	182.9	182.9	182.9	182.9	182.9	183.4	183.4	184.0	184.0	184.0
15°	192.9	192.9	192.4	192.4	192.4	192.9	192.9	194.1	193.5	193.5	193.5
17.5°	205.4	204.8	204.8	204.8	204.8	204.8	204.8	206.0	206.0	206.0	206.6
20°	219.1	220.3	219.7	218.5	218.5	218.5	219.1	220.3	220.3	222.0	222.6
22.5°	238.1	238.7	237.5	236.9	235.1	235.1	236.9	237.5	239.8	239.3	239.8
25°	258.2	257.7	257.1	255.9	255.9	255.9	257.1	258.8	260.6	262.4	262.4
27.5°	280.8	280.2	279.6	279.0	277.8	279.6	280.8	285.0	286.2	290.3	289.1
30°	305.7	306.3	305.1	304.6	304.0	304.6	309.3	315.2	320.0	323.0	323.6
32.5°	333.6	334.2	333.6	332.5	333.6	336.6	342.6	350.3	359.8	365.1	366.9
35°	364.5	365.7	364.5	365.7	366.9	372.2	382.9	394.8	411.4	416.2	419.1
37.5°	397.8	396.6	396.0	397.8	403.1	414.4	429.2	450.0	467.2	481.5	481.5
40°	431.0	431.6	432.2	432.2	442.3	457.7	482.1	510.0	535.5	553.9	554.5
42.5°	466.6	466.6	466.6	472.0	484.4	508.8	540.2	581.2	616.2	633.5	635.8
45°	502.8	505.2	506.4	513.5	531.9	562.8	604.4	653.6	698.2	721.3	720.1
47.5°	538.5	541.4	543.8	554.5	579.4	612.7	664.3	723.7	774.2	800.3	802.7
50°	575.3	573.5	578.2	591.3	619.2	661.9	717.2	785.4	843.0	875.1	877.5
52.5°	599.6	599.0	603.8	617.4	650.1	698.2	761.7	839.5	901.8	935.0	944.5
55°	616.8	616.2	621.6	637.6	673.2	724.3	793.2	875.1	938.0	972.4	977.2
57.5°	624.5	625.1	629.9	646.5	683.3	736.8	808.0	887.0	946.9	979.0	983.1
60°	623.4	624.0	628.1	644.1	680.4	732.0	800.9	875.1	932.1	961.8	966.5
62.5°	610.9	610.3	613.9	627.5	659.6	707.7	773.6	843.6	897.6	924.9	930.3
65°	584.8	584.2	584.2	596.1	623.4	664.3	726.7	789.0	839.5	865.6	866.8
67.5°	542.0	542.0	540.8	548.0	568.1	607.9	661.4	718.3	759.3	783.7	787.2
70°	484.4	485.6	481.5	485.6	502.3	533.7	581.2	626.9	659.0	686.9	688.7
72.5°	421.5	416.8	415.0	416.2	428.6	448.8	489.8	528.4	558.1	577.1	580.6
75°	340.2	340.2	339.0	337.2	344.3	364.5	391.8	423.3	448.2	461.3	466.0
77.5°	260.6	263.0	259.4	259.4	264.8	280.2	304.0	321.2	339.0	347.9	345.5
80°	185.2	184.6	182.9	181.7	187.6	196.5	215.5	225.6	230.9	239.3	242.8
82.5°	114.6	115.8	117.5	112.2	114.6	122.9	133.0	138.3	140.7	144.3	143.7
85°	56.4	57.0	57.6	58.2	58.2	61.1	67.1	69.5	71.2	73.0	71.8
87.5°	20.8	19.6	19.0	19.0	19.0	19.6	22.6	22.0	23.2	23.2	24.3
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)