

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: P887529

Luminaire Tested: **TT-D1-740-U-MQ-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887529
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-2)
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D1-740-U-MQ-TC
Description: MQ
4000K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3384 lumens
Efficiency: N/A
Efficacy: 120.9 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 28
Input Voltage (V): 120.0
Input Current (Ain): 0.23
Voltage Rise (V): NR
Power Factor: 0.979
Total Harmonic Distortion (THDi): 13.3%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

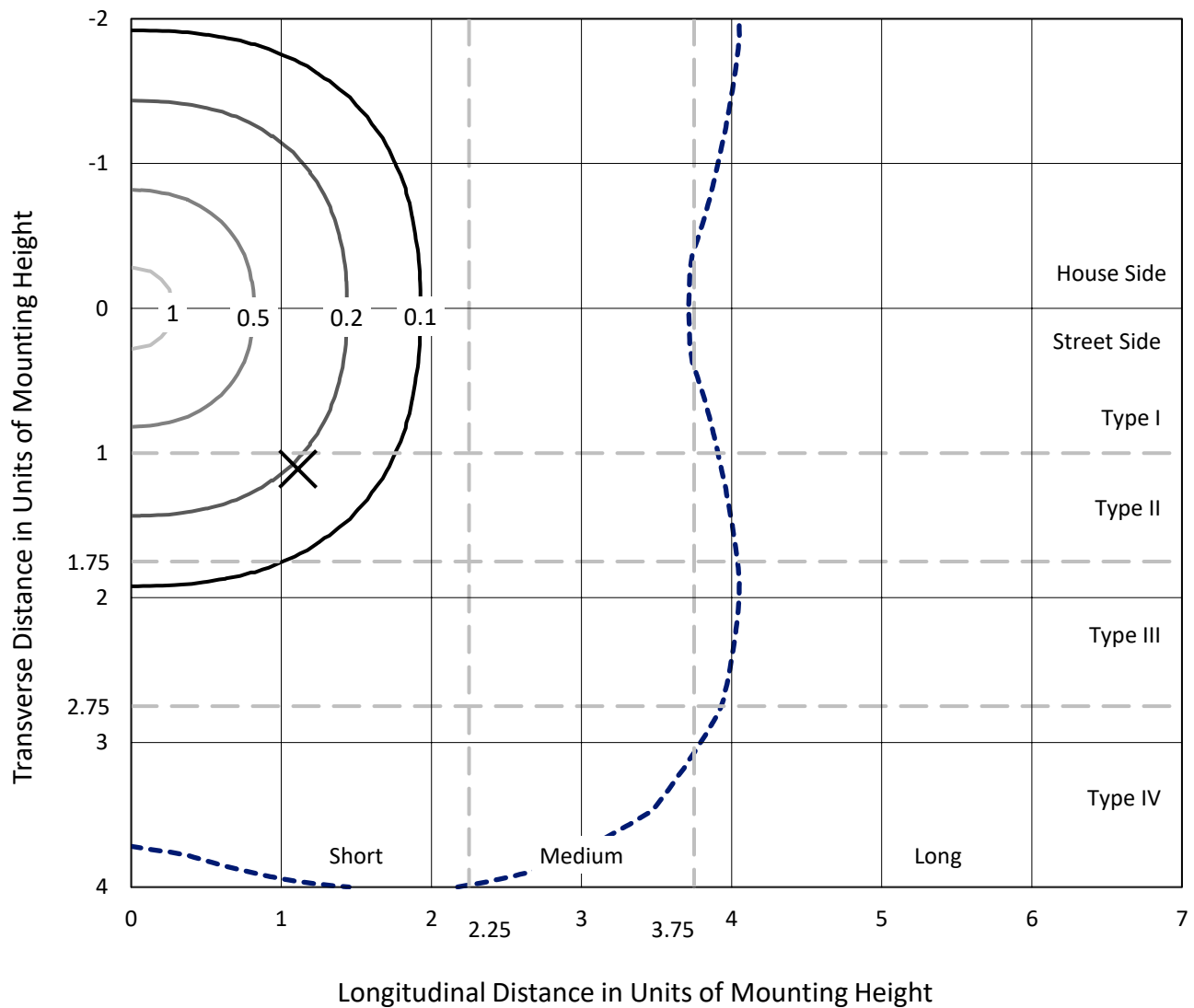


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

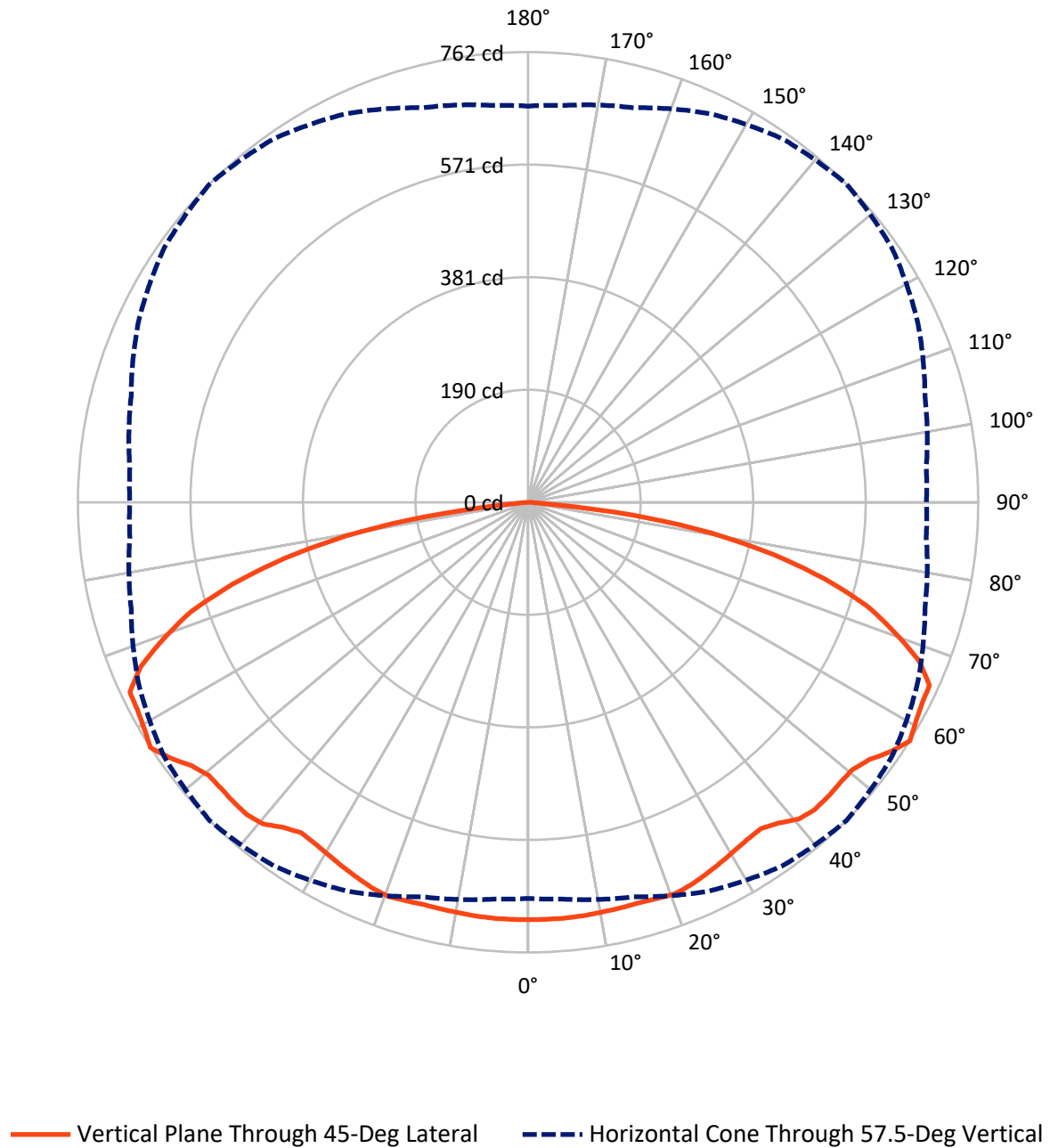


Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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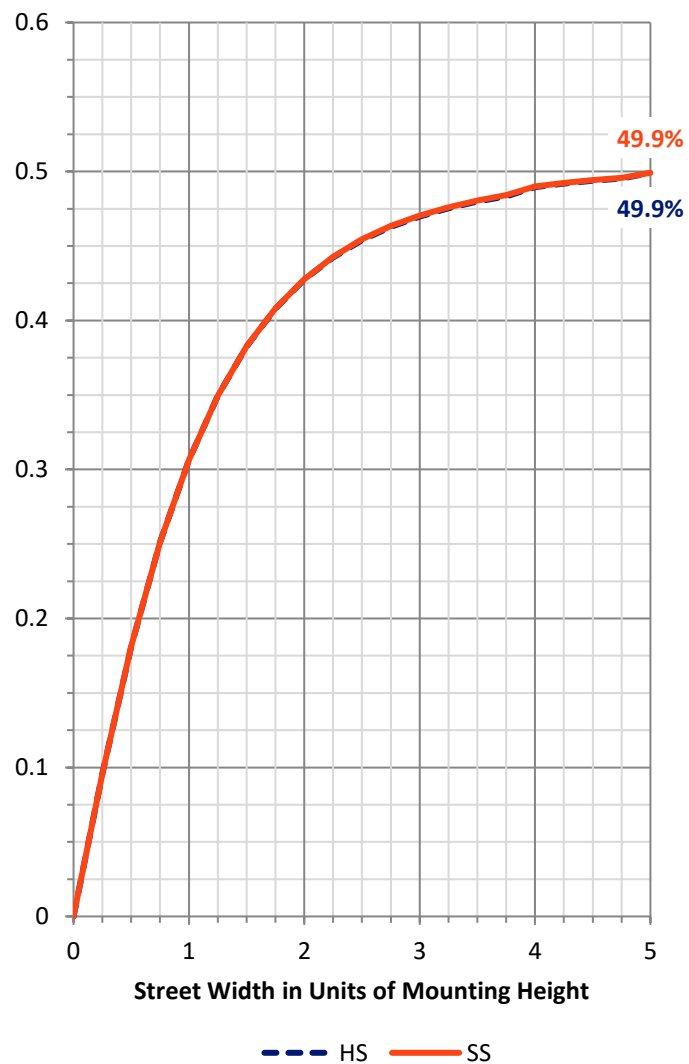
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1692.0	0.0	1692.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1692.0	0.0	1692.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3384.0	0.0	3384.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	2.0
10°-20°	199.5	5.9
20°-30°	321.5	9.5
30°-40°	426.7	12.6
40°-50°	535.9	15.8
50°-60°	632.0	18.7
60°-70°	663.4	19.6
70°-80°	466.3	13.8
80°-90°	71.3	2.1
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°	3384.0	100.0
0°-180°	3384.0	100.0

Coefficient of Utilization



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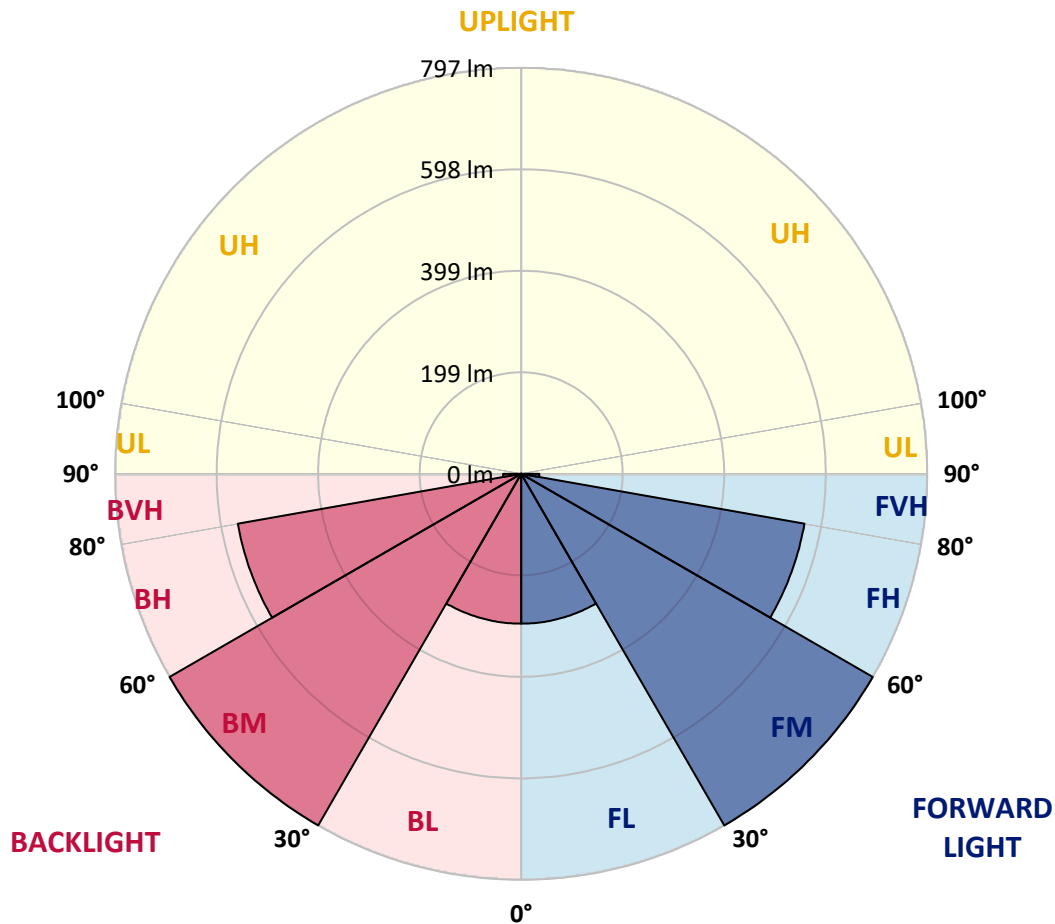
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	294.2	8.7			
FM	(30°-60°)	797.3	23.6			
FH	(60°-80°)	564.9	16.7			G0/660
FVH	(80°-90°)	35.7	1.1			G1/100
BL	(0°-30°)	294.2	8.7	B1/500		
BM	(30°-60°)	797.3	23.6	B1/1000		
BH	(60°-80°)	564.9	16.7	B2/1000		G0/660
BVH	(80°-90°)	35.7	1.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	706.0	706.0	706.0	706.0	706.0	706.0	706.0	706.0	706.0	706.0	706.0
2.5°	706.7	706.7	706.7	706.0	705.4	706.0	705.4	706.0	706.0	706.0	706.7
5°	706.7	706.7	706.7	706.0	706.0	706.0	706.0	706.0	706.0	706.0	706.0
7.5°	706.0	706.0	705.4	705.4	705.4	705.4	705.4	705.4	705.4	705.4	705.4
10°	705.4	705.4	704.8	704.8	704.2	704.2	704.2	704.8	704.8	704.8	704.8
12.5°	703.6	704.2	704.2	703.6	703.6	703.6	703.0	703.6	703.6	703.0	703.0
15°	702.4	703.0	703.0	703.0	703.0	703.0	702.4	703.0	702.4	702.4	702.4
17.5°	702.4	702.4	703.0	703.6	704.2	704.8	703.6	703.6	702.4	701.8	701.8
20°	703.6	703.6	704.2	704.8	706.7	707.3	706.7	704.8	704.2	703.0	703.0
22.5°	699.9	700.6	701.2	701.2	702.4	703.6	703.0	701.8	700.6	699.9	699.9
25°	695.1	695.1	695.1	696.3	697.5	697.5	696.9	696.3	695.1	694.5	694.5
27.5°	688.4	687.8	688.4	689.6	690.8	691.4	690.8	690.2	688.4	688.4	687.8
30°	681.1	680.5	681.7	682.9	684.7	685.3	684.7	683.5	681.7	681.1	680.5
32.5°	673.8	673.8	675.0	676.8	679.2	680.5	679.2	678.0	675.0	673.8	673.8
35°	667.1	667.1	670.1	673.8	676.8	678.0	676.8	675.0	671.3	668.3	668.3
37.5°	667.7	668.9	673.1	681.7	686.5	688.4	687.2	681.7	675.6	670.7	668.9
40°	676.8	678.0	685.3	693.9	701.8	704.8	702.4	695.1	686.5	679.2	678.0
42.5°	677.4	678.0	686.5	697.5	706.7	710.9	707.9	698.7	688.4	679.8	678.6
45°	672.5	674.4	684.1	696.9	706.7	710.9	706.7	698.7	685.9	676.2	675.6
47.5°	667.7	668.9	679.8	693.9	705.4	709.7	706.0	695.1	681.1	670.7	670.1
50°	664.0	665.2	675.0	693.2	706.0	710.9	706.7	695.1	678.0	667.7	667.1
52.5°	662.8	664.0	679.8	699.3	718.8	723.1	718.2	700.6	682.3	666.4	666.4
55°	665.8	666.4	687.8	717.0	735.3	744.4	736.5	717.6	692.0	671.3	668.9
57.5°	670.1	673.8	690.8	725.5	750.5	761.5	751.1	726.8	695.1	676.2	673.8
60°	655.5	661.0	684.7	714.6	743.2	753.6	745.0	718.2	684.7	660.4	659.7
62.5°	629.3	631.7	664.0	701.8	734.7	748.1	736.5	707.3	666.4	640.9	637.8
65°	622.0	625.0	648.2	695.1	729.2	746.2	734.7	698.7	651.8	624.4	622.0
67.5°	577.5	584.2	617.7	659.1	697.5	712.1	701.2	669.5	617.7	584.2	579.3
70°	524.5	532.4	564.1	609.8	642.1	657.3	643.9	618.3	563.5	531.2	525.7
72.5°	463.0	467.9	504.4	541.6	581.8	600.0	583.0	550.1	502.6	463.6	461.2
75°	378.3	386.8	427.6	461.8	499.5	519.0	506.2	467.9	422.8	380.7	377.7
77.5°	289.4	292.4	334.4	374.0	405.7	423.4	413.0	376.5	330.2	288.8	285.1
80°	191.9	194.3	227.8	263.8	294.2	313.7	301.5	268.6	218.1	188.2	184.0
82.5°	82.8	84.7	104.8	135.2	162.7	179.7	170.0	138.9	96.3	78.0	73.7
85°	6.7	6.1	6.7	7.9	7.9	16.4	14.0	12.2	4.9	6.1	4.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)