

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: P887524

Luminaire Tested: **TT-D1-735-U-MQ-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887524
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-D1-735-U-MQ-TC
Description: MQ
3500K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3209 lumens
Efficiency: N/A
Efficacy: 114.6 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

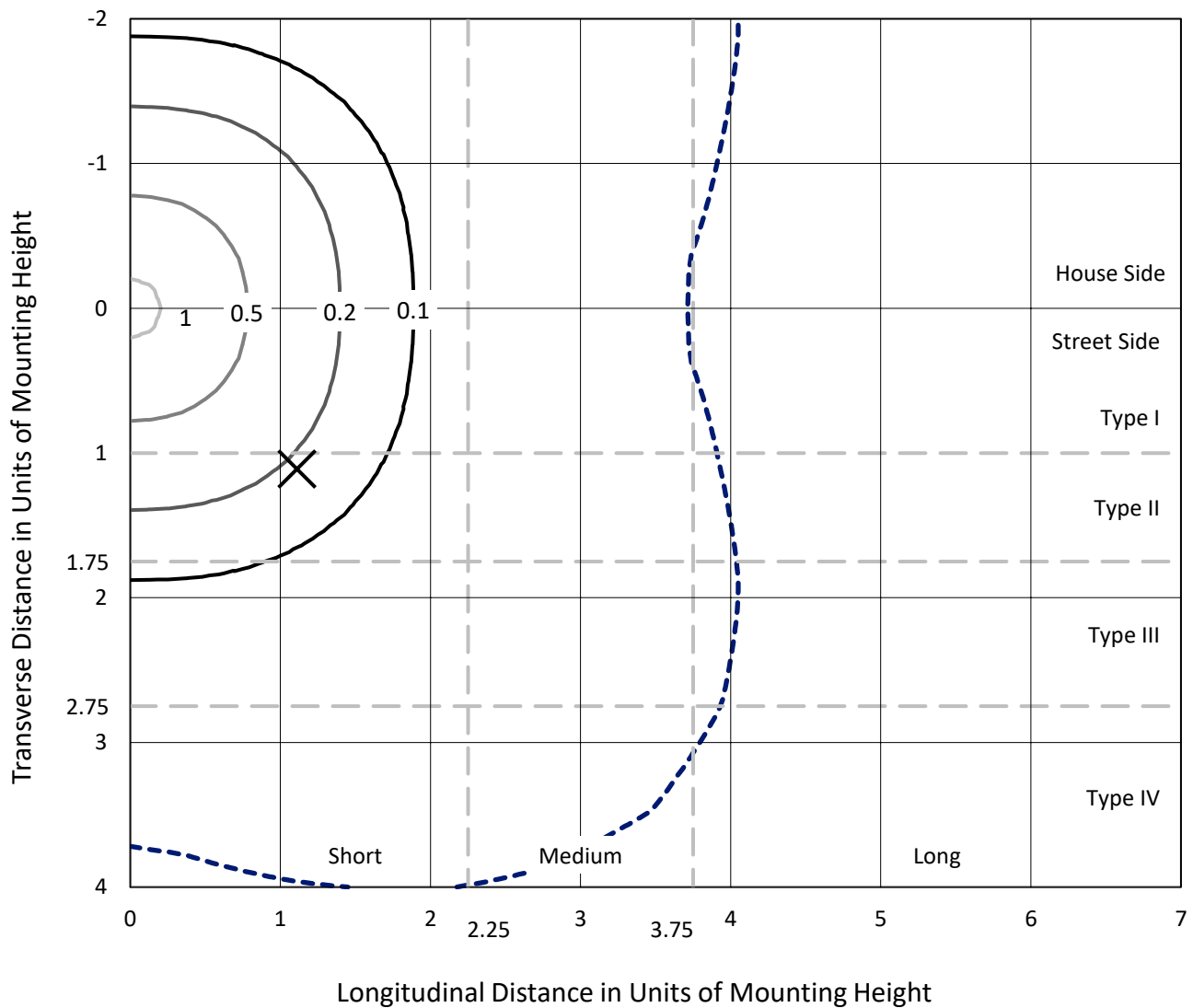


REPORT NUMBER: P887524

CATALOG NUMBER: TT-D1-735-U-MQ-TC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

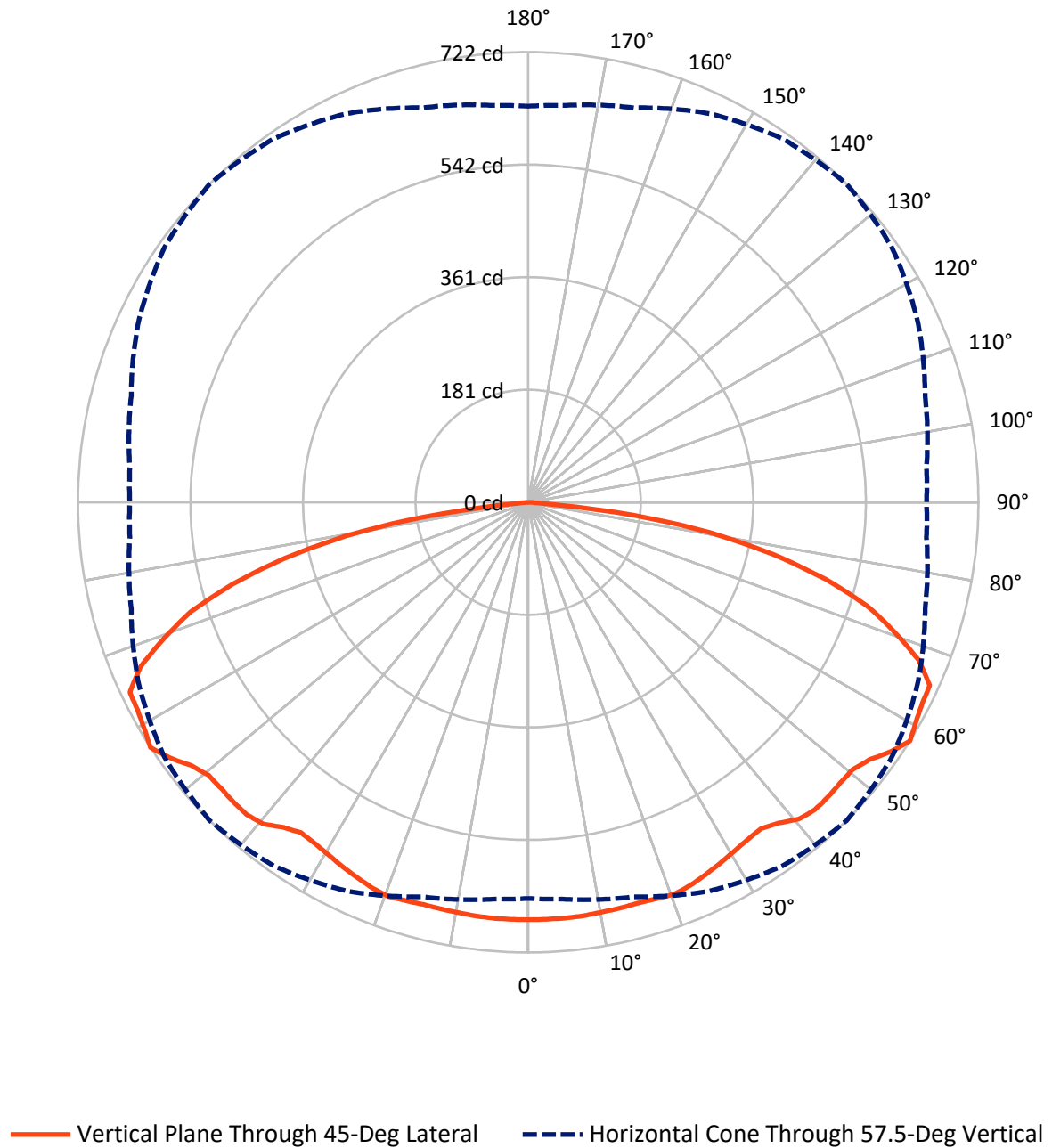


Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

REPORT NUMBER: P887524

CATALOG NUMBER: TT-D1-735-U-MQ-TC

Luminous Intensity Polar Plot



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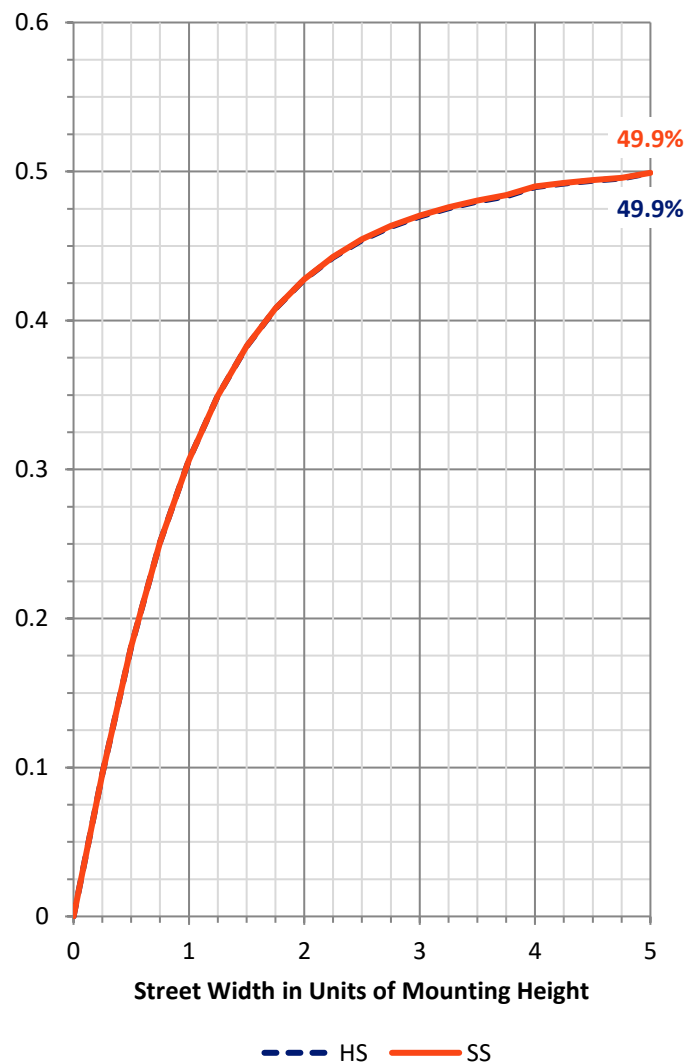
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1604.5	0.0	1604.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1604.5	0.0	1604.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3209.0	0.0	3209.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.9	2.0
10°-20°	189.1	5.9
20°-30°	304.9	9.5
30°-40°	404.6	12.6
40°-50°	508.2	15.8
50°-60°	599.3	18.7
60°-70°	629.1	19.6
70°-80°	442.2	13.8
80°-90°	67.6	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°	3209.0	100.0
0°-180°	3209.0	100.0

Coefficient of Utilization



REPORT NUMBER: P887524

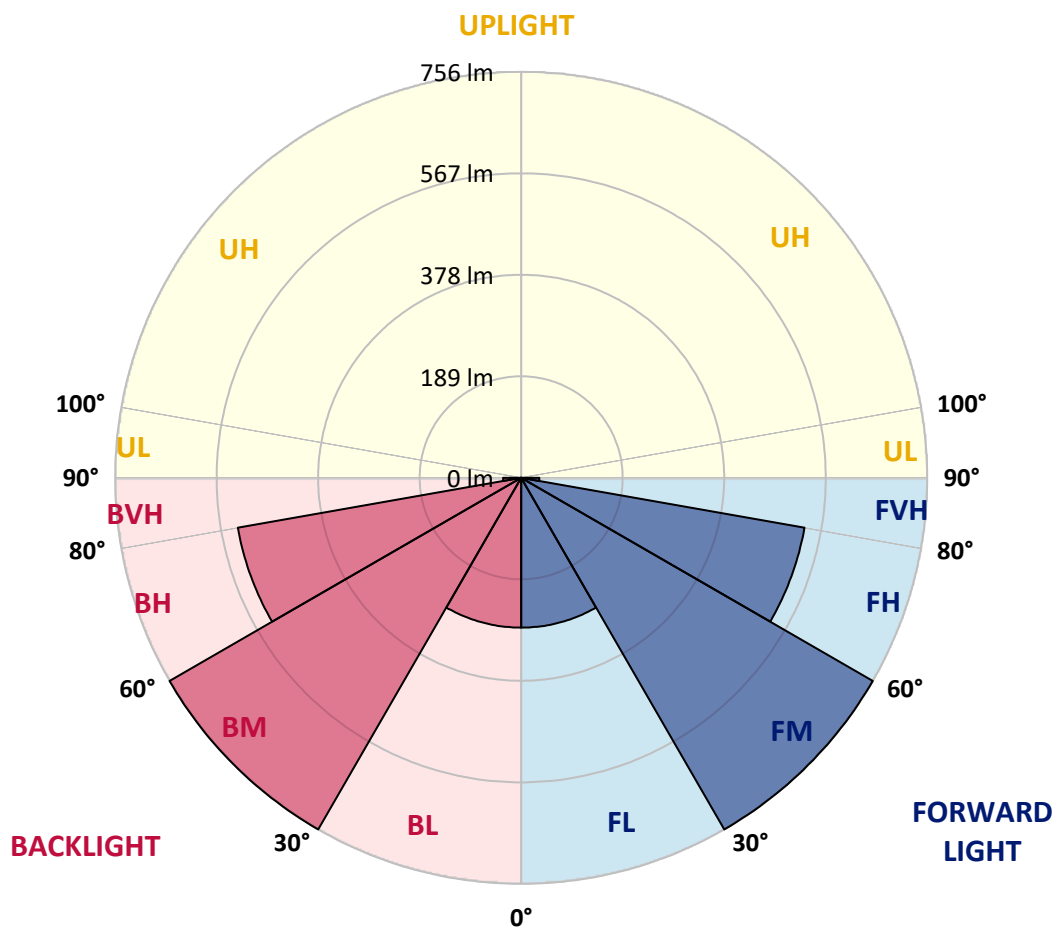
CATALOG NUMBER: TT-D1-735-U-MQ-TC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	278.9	8.7			
FM	(30°-60°)	756.1	23.6			
FH	(60°-80°)	535.7	16.7			G0/660
FVH	(80°-90°)	33.8	1.1			G1/100
BL	(0°-30°)	278.9	8.7	B1/500		
BM	(30°-60°)	756.1	23.6	B1/1000		
BH	(60°-80°)	535.7	16.7	B2/1000		G0/660
BVH	(80°-90°)	33.8	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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CATALOG NUMBER: TT-D1-735-U-MQ-TC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	669.5	669.5	669.5	669.5	669.5	669.5	669.5	669.5	669.5	669.5	669.5
2.5°	670.1	670.1	670.1	669.5	669.0	669.5	669.0	669.5	669.5	669.5	670.1
5°	670.1	670.1	670.1	669.5	669.5	669.5	669.5	669.5	669.5	669.5	669.5
7.5°	669.5	669.5	669.0	669.0	669.0	669.0	669.0	669.0	669.0	669.0	669.0
10°	669.0	669.0	668.4	668.4	667.8	667.8	667.8	668.4	668.4	668.4	668.4
12.5°	667.2	667.8	667.8	667.2	667.2	667.2	666.6	667.2	667.2	666.6	666.6
15°	666.1	666.6	666.6	666.6	666.6	666.6	666.1	666.6	666.1	666.1	666.1
17.5°	666.1	666.1	666.6	667.2	667.8	668.4	667.2	667.2	666.1	665.5	665.5
20°	667.2	667.2	667.8	668.4	670.1	670.7	670.1	668.4	667.8	666.6	666.6
22.5°	663.8	664.3	664.9	664.9	666.1	667.2	666.6	665.5	664.3	663.8	663.8
25°	659.1	659.1	659.1	660.3	661.4	661.4	660.9	660.3	659.1	658.6	658.6
27.5°	652.8	652.2	652.8	653.9	655.1	655.7	655.1	654.5	652.8	652.8	652.2
30°	645.8	645.3	646.4	647.6	649.3	649.9	649.3	648.2	646.4	645.8	645.3
32.5°	638.9	638.9	640.1	641.8	644.1	645.3	644.1	643.0	640.1	638.9	638.9
35°	632.6	632.6	635.4	638.9	641.8	643.0	641.8	640.1	636.6	633.7	633.7
37.5°	633.1	634.3	638.3	646.4	651.0	652.8	651.6	646.4	640.6	636.0	634.3
40°	641.8	643.0	649.9	658.0	665.5	668.4	666.1	659.1	651.0	644.1	643.0
42.5°	642.4	643.0	651.0	661.4	670.1	674.2	671.3	662.6	652.8	644.7	643.5
45°	637.8	639.5	648.7	660.9	670.1	674.2	670.1	662.6	650.5	641.2	640.6
47.5°	633.1	634.3	644.7	658.0	669.0	673.0	669.5	659.1	645.8	636.0	635.4
50°	629.7	630.8	640.1	657.4	669.5	674.2	670.1	659.1	643.0	633.1	632.6
52.5°	628.5	629.7	644.7	663.2	681.7	685.7	681.1	664.3	647.0	632.0	632.0
55°	631.4	632.0	652.2	679.9	697.3	705.9	698.4	680.5	656.2	636.6	634.3
57.5°	635.4	638.9	655.1	688.0	711.7	722.1	712.3	689.2	659.1	641.2	638.9
60°	621.6	626.8	649.3	677.6	704.8	714.6	706.5	681.1	649.3	626.2	625.6
62.5°	596.7	599.1	629.7	665.5	696.7	709.4	698.4	670.7	632.0	607.7	604.8
65°	589.8	592.7	614.7	659.1	691.5	707.7	696.7	662.6	618.1	592.1	589.8
67.5°	547.6	554.0	585.8	625.0	661.4	675.3	664.9	634.9	585.8	554.0	549.4
70°	497.4	504.9	534.9	578.3	608.9	623.3	610.6	586.3	534.4	503.7	498.5
72.5°	439.0	443.7	478.3	513.6	551.7	569.0	552.8	521.6	476.6	439.6	437.3
75°	358.7	366.8	405.5	437.9	473.7	492.2	480.1	443.7	400.9	361.0	358.2
77.5°	274.4	277.3	317.1	354.7	384.7	401.5	391.7	357.0	313.1	273.8	270.4
80°	182.0	184.3	216.1	250.1	279.0	297.5	286.0	254.8	206.8	178.5	174.5
82.5°	78.6	80.3	99.4	128.2	154.2	170.4	161.2	131.7	91.3	73.9	69.9
85°	6.4	5.8	6.4	7.5	7.5	15.6	13.3	11.6	4.6	5.8	4.6
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)