

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: P887527

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

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887527
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-3)
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-CQ-TC
Description: CQ
4000K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3482 lumens
Efficiency: N/A
Efficacy: 124.4 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G1

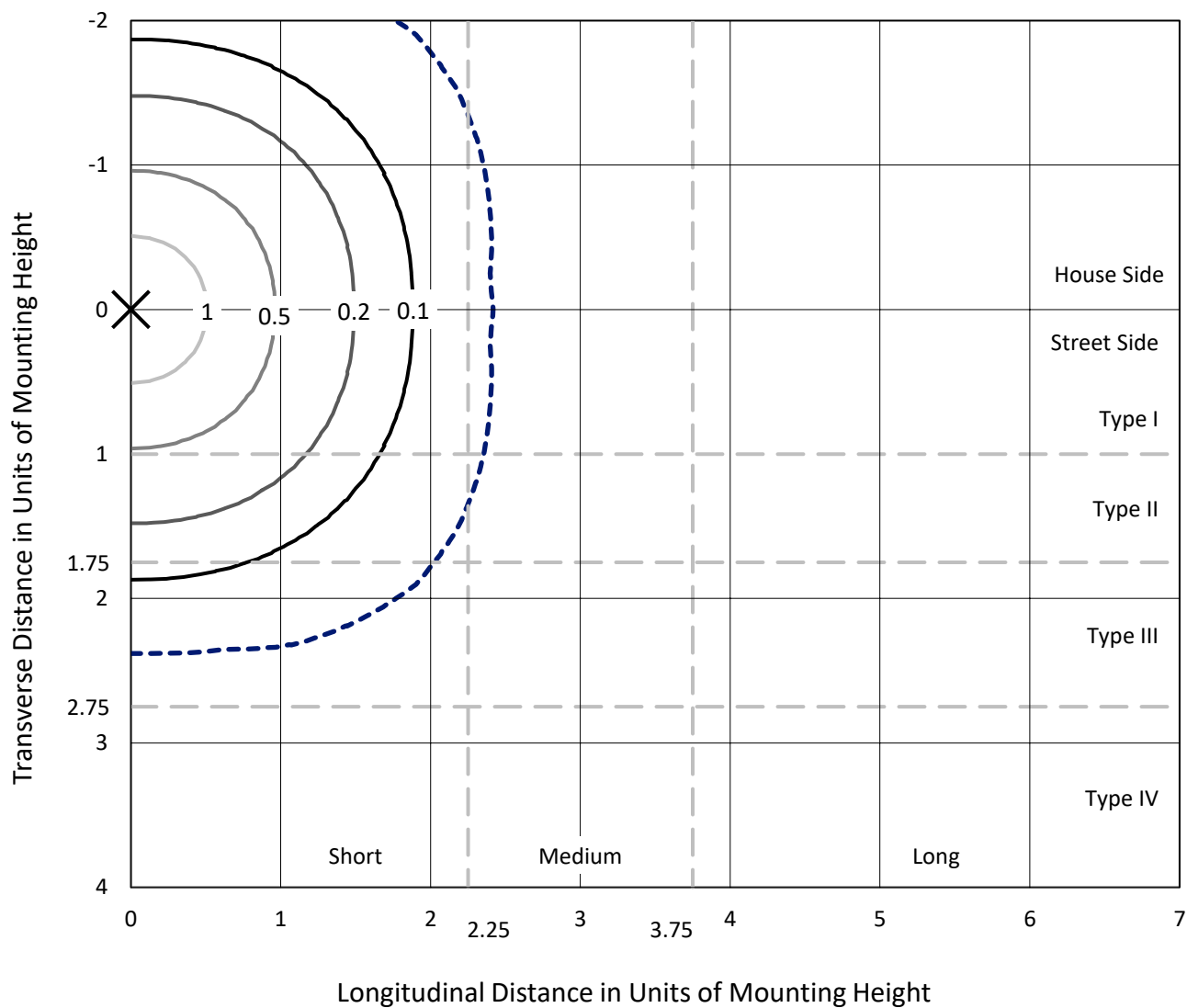
Input Watts (W): 28
Input Voltage (V): 120.0
Input Current (Ain): 0.23
Voltage Rise (V): NR
Power Factor: 0.979
Total Harmonic Distortion (THDi): 13.3%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

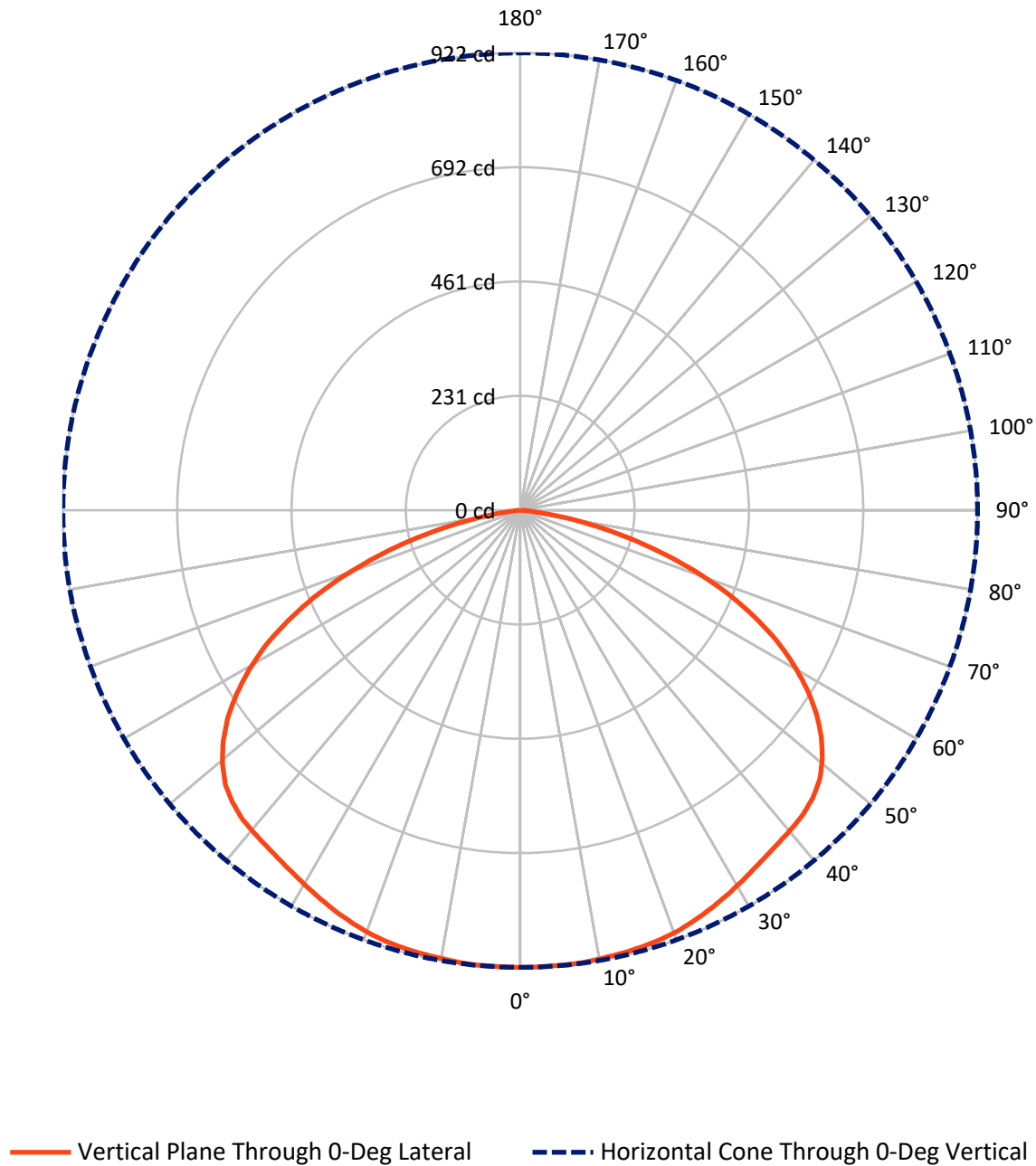
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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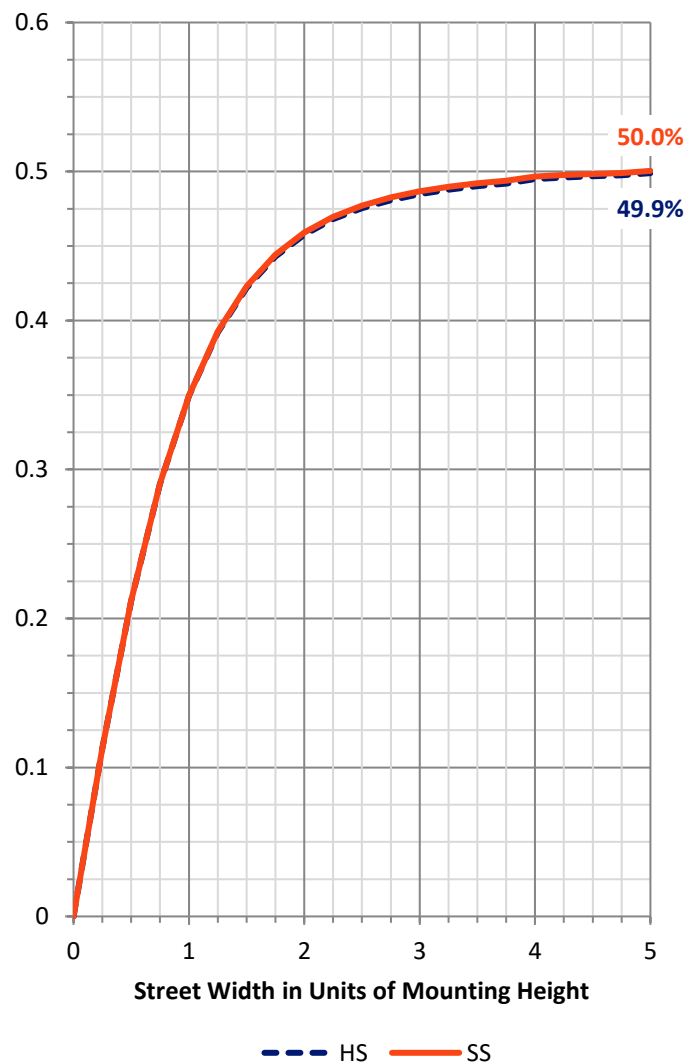
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1741.0	0.0	1741.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1741.0	0.0	1741.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3482.0	0.0	3482.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	2.5
10°-20°	258.9	7.4
20°-30°	412.7	11.9
30°-40°	542.2	15.6
40°-50°	653.3	18.8
50°-60°	681.5	19.6
60°-70°	551.4	15.8
70°-80°	267.3	7.7
80°-90°	26.9	0.8
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°	3482.0	100.0
0°-180°	3482.0	100.0

Coefficient of Utilization



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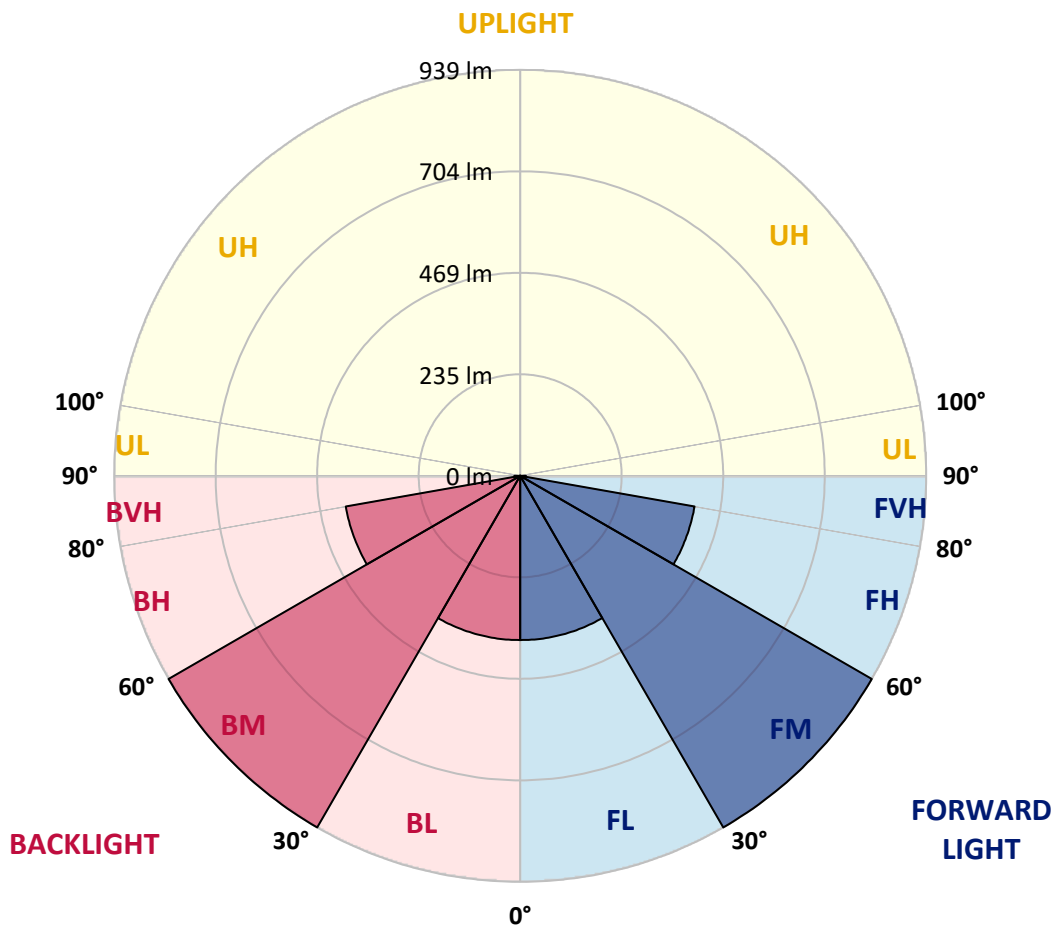
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	379.7	10.9			
FM	(30°-60°)	938.5	27.0			
FH	(60°-80°)	409.3	11.8			G0/660
FVH	(80°-90°)	13.4	0.4			G1/100
BL	(0°-30°)	379.7	10.9	B1/500		
BM	(30°-60°)	938.5	27.0	B1/1000		
BH	(60°-80°)	409.3	11.8	B1/500		G0/660
BVH	(80°-90°)	13.4	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
2.5°	921.7	921.7	921.7	921.1	921.1	921.1	921.1	921.7	921.7	921.7	921.7
5°	921.7	921.7	921.7	921.7	921.1	921.1	921.1	921.7	921.7	921.7	921.7
7.5°	921.1	921.1	921.1	920.5	920.5	920.5	920.5	920.5	920.5	920.5	920.5
10°	918.6	918.6	919.3	918.6	918.6	918.6	918.6	919.3	918.6	918.6	918.6
12.5°	916.8	916.8	916.8	916.8	916.2	916.8	916.2	916.2	916.2	916.2	916.2
15°	914.4	915.0	914.4	914.4	915.0	915.0	914.4	914.4	913.8	913.8	913.8
17.5°	911.3	911.3	911.9	911.9	912.6	912.6	911.9	911.9	911.3	910.7	910.7
20°	906.5	907.1	907.1	907.7	908.3	908.9	908.3	907.7	907.1	906.5	905.9
22.5°	899.2	899.8	900.4	901.6	902.2	902.8	901.6	901.0	900.4	899.8	899.8
25°	891.2	891.8	892.5	893.7	894.3	894.9	894.3	893.1	892.5	891.8	891.8
27.5°	882.1	882.7	883.3	885.1	885.8	886.4	885.1	883.9	882.7	882.1	882.1
30°	873.0	873.6	874.8	876.6	878.4	879.1	876.6	875.4	873.6	872.3	872.3
32.5°	863.8	864.4	865.6	869.3	871.1	871.7	870.5	868.1	865.0	863.2	862.6
35°	855.9	857.1	859.6	863.8	866.3	867.5	866.3	862.6	858.3	855.3	855.3
37.5°	849.2	851.0	854.7	860.8	865.6	866.9	865.0	860.2	854.1	849.8	849.2
40°	843.7	845.5	851.0	858.9	865.6	867.5	865.0	858.3	850.4	844.9	843.7
42.5°	837.6	839.5	846.8	856.5	864.4	867.5	864.4	855.9	845.5	838.2	837.6
45°	827.3	829.7	838.2	851.0	860.8	864.4	860.8	851.0	838.2	829.7	829.1
47.5°	812.6	815.1	824.8	841.3	852.9	858.3	854.7	843.1	829.1	818.1	816.9
50°	789.5	793.8	804.1	824.2	837.6	845.5	842.5	829.7	813.3	801.7	800.5
52.5°	760.3	764.5	777.3	799.9	815.1	825.4	822.4	808.4	791.3	776.7	776.1
55°	724.9	729.8	743.2	769.4	786.5	798.0	794.4	777.9	759.0	742.6	742.0
57.5°	682.3	688.4	703.0	730.4	749.9	763.3	757.8	740.8	718.8	700.0	700.6
60°	634.2	640.9	656.1	684.7	705.4	718.2	713.4	694.5	671.3	651.2	651.8
62.5°	581.2	585.4	600.7	630.5	651.2	665.8	658.5	639.0	615.3	594.6	597.6
65°	519.0	523.3	537.9	567.8	587.3	601.9	594.6	574.5	550.1	528.2	533.0
67.5°	453.8	455.1	466.0	497.1	515.4	529.4	521.5	502.0	478.8	458.7	462.4
70°	380.7	379.5	391.1	419.7	435.6	448.4	440.4	422.2	401.5	382.6	386.2
72.5°	304.6	303.4	312.5	338.7	349.1	363.7	356.4	339.3	322.9	304.0	307.6
75°	229.7	227.2	235.1	257.1	265.6	278.4	271.7	256.5	243.1	226.0	230.3
77.5°	156.6	154.7	160.8	179.1	184.6	197.4	188.2	177.9	166.9	149.9	156.0
80°	90.2	88.3	92.0	107.2	110.9	119.4	113.3	105.4	96.9	85.3	88.9
82.5°	33.5	34.7	36.6	46.3	50.0	57.9	51.8	45.7	39.6	32.3	34.7
85°	2.4	2.4	2.4	3.7	4.9	7.9	5.5	4.3	3.0	1.8	3.0
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)