

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: P1245521

Luminaire Tested: **TT-D7-AMB-U-WQ**

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245521
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1908-473-14)
Test Lab: INNOVATION CENTER
Issue Date: 2/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: TT-D7-AMB-U-WQ
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND WIDE DISTRIBUTION
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2108 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 47.6
Input Voltage (V): 120.0
Input Current (Ain): 0.409
Voltage Rise (V): NR
Power Factor: 0.971
Total Harmonic Distortion (THDi): 14.19%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

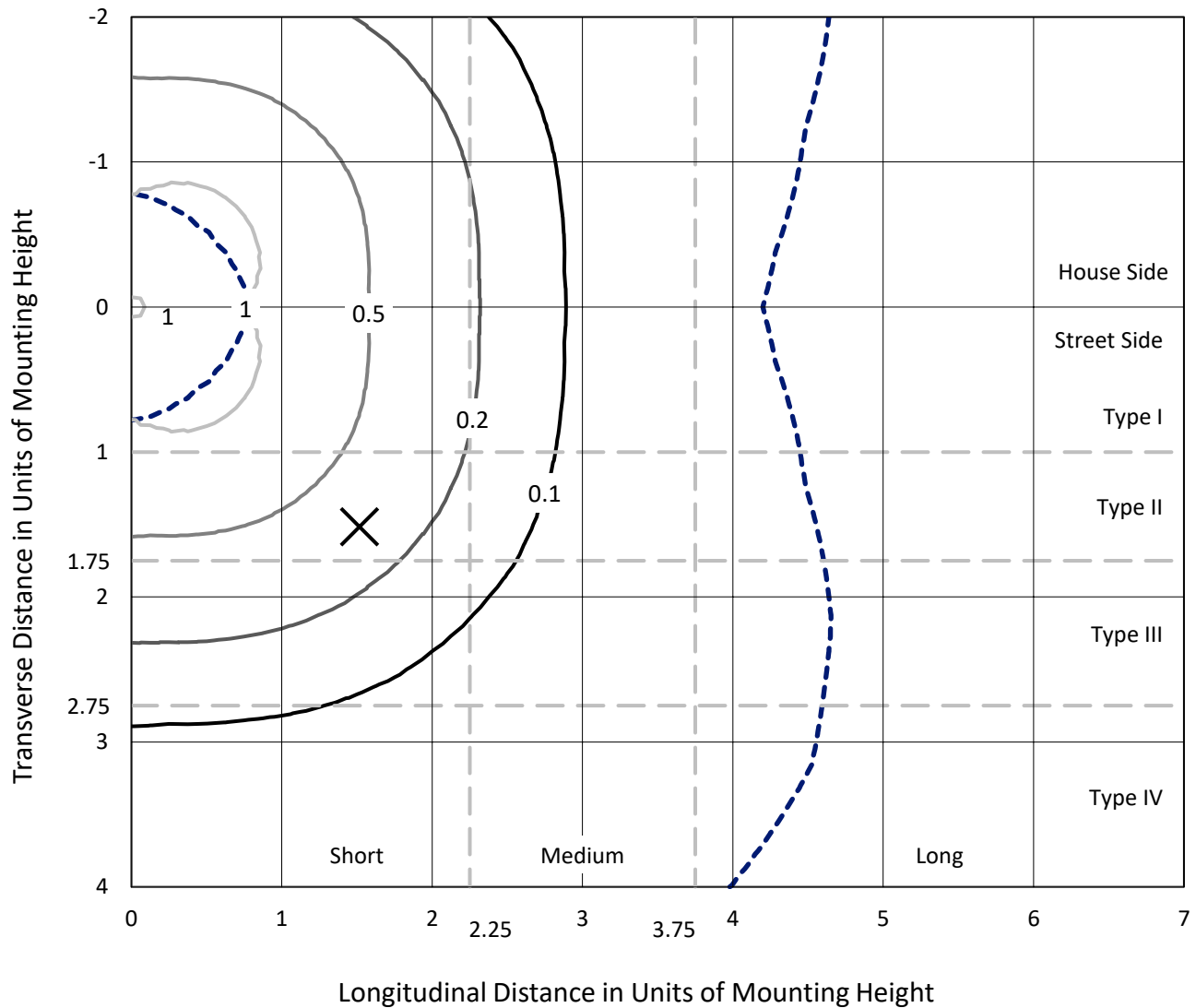


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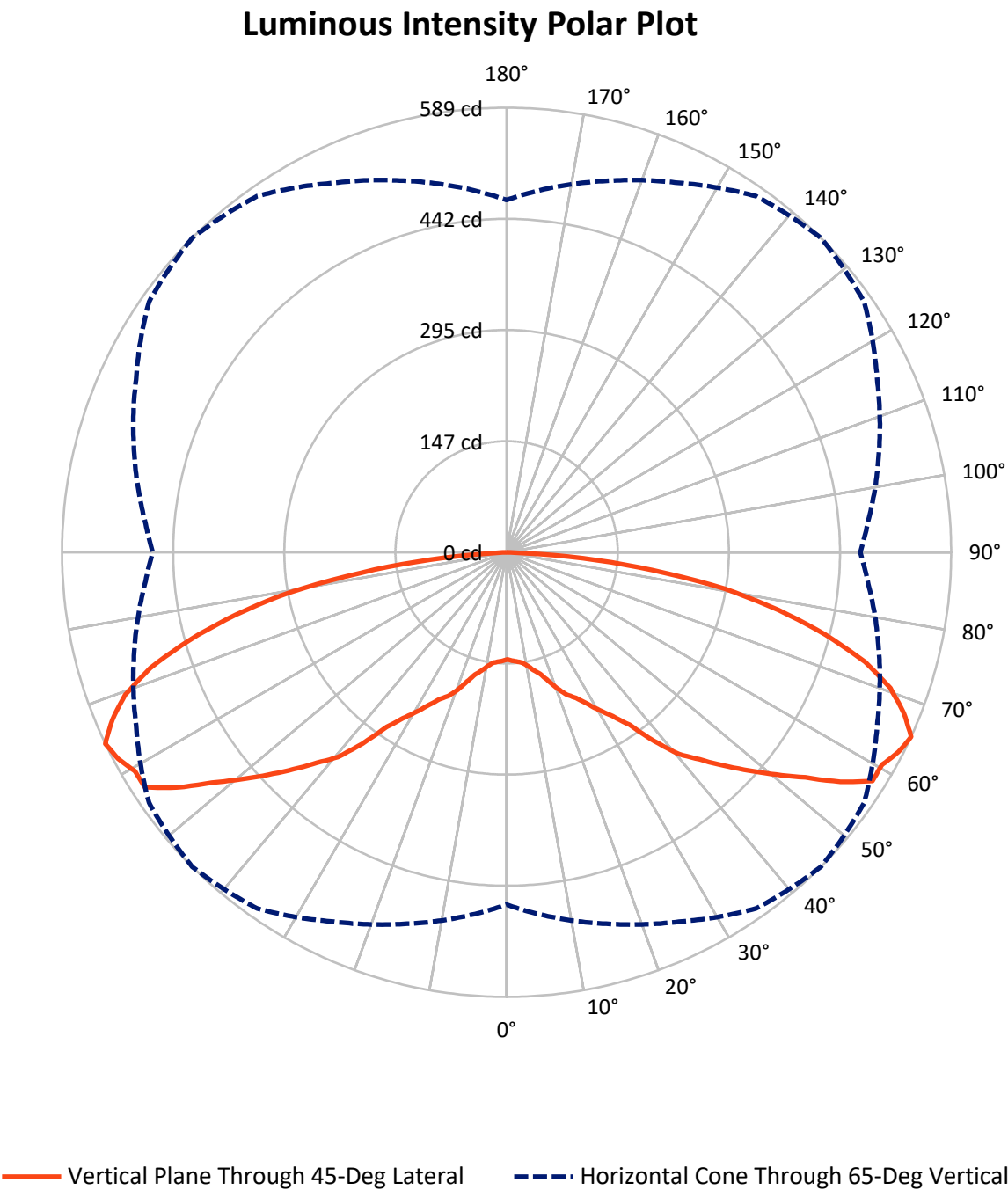
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 1.1 fc
Type V - Short - N/A

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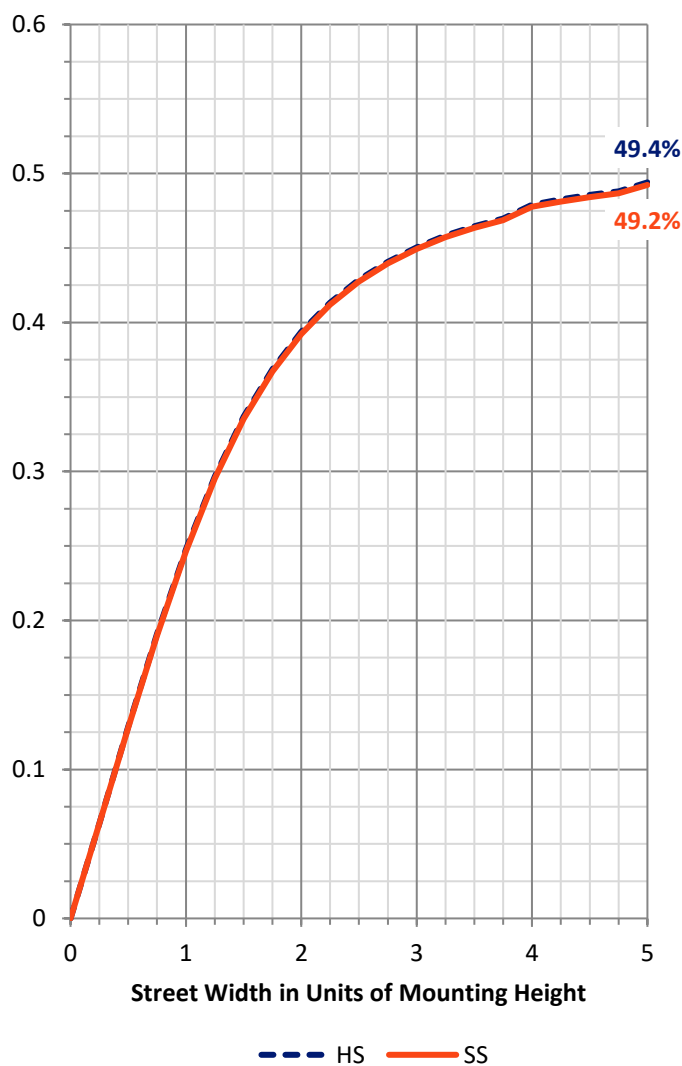
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1054.0	0.0	1054.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1054.0	0.0	1054.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	2108.0	0.0	2108.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	0.7
10°-20°	48.7	2.3
20°-30°	99.9	4.7
30°-40°	177.5	8.4
40°-50°	299.2	14.2
50°-60°	441.4	20.9
60°-70°	518.0	24.6
70°-80°	403.6	19.1
80°-90°	105.5	5.0
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°	2108.0	100.0
0°-180°	2108.0	100.0

Coefficient of Utilization



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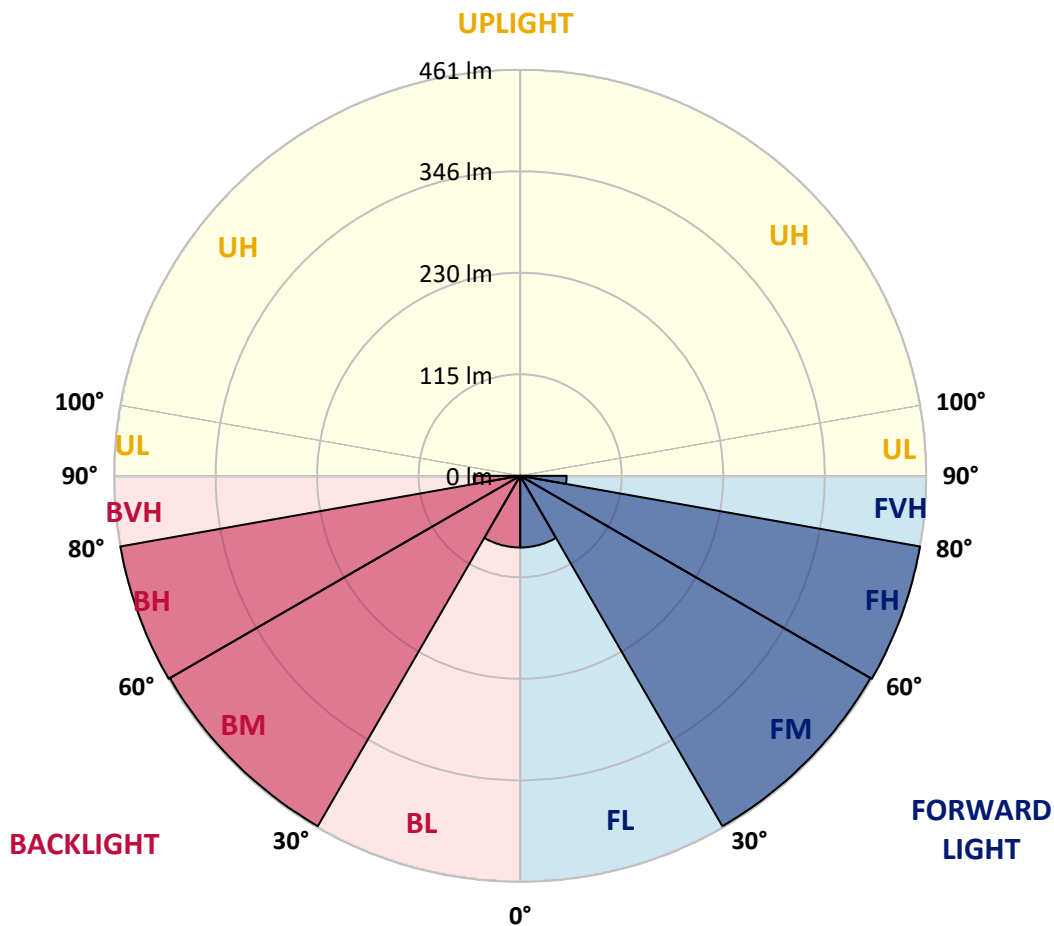
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	81.4	3.9			
FM	(30°-60°)	459.1	21.8			
FH	(60°-80°)	460.8	21.9			G0/660
FVH	(80°-90°)	52.8	2.5			G1/100
BL	(0°-30°)	81.4	3.9	B0/110		
BM	(30°-60°)	459.1	21.8	B1/1000		
BH	(60°-80°)	460.8	21.9	B1/500		G0/660
BVH	(80°-90°)	52.8	2.5			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°	141.9	141.9	141.9	141.9	141.9	141.9	141.9	141.9	141.9	141.9	141.9
2.5°	144.2	144.2	144.2	143.9	143.9	143.9	143.9	144.2	144.2	144.2	144.2
5°	147.5	147.5	146.8	146.2	145.5	145.5	145.9	146.2	146.5	147.2	147.2
7.5°	149.5	149.5	149.2	148.5	147.5	147.5	147.8	148.5	148.8	148.8	148.5
10°	152.2	152.5	153.5	153.8	153.1	153.1	153.5	153.8	153.1	152.2	152.2
12.5°	158.4	158.8	160.1	161.1	161.1	160.4	160.8	161.4	159.8	158.1	158.4
15°	167.4	167.4	167.7	168.7	168.1	167.4	168.1	168.4	167.4	167.1	167.7
17.5°	179.3	179.3	177.3	179.0	179.3	179.0	179.7	178.0	177.0	178.3	179.0
20°	192.3	190.9	189.9	191.3	193.9	192.9	194.2	190.6	189.6	190.3	190.6
22.5°	200.5	201.5	202.2	202.9	206.5	205.2	206.5	202.5	201.9	200.5	199.6
25°	210.5	211.5	215.5	213.5	215.8	213.8	215.5	213.1	214.5	210.5	210.5
27.5°	221.8	223.8	226.1	225.1	228.1	227.1	228.1	224.7	225.1	223.4	222.8
30°	237.0	237.0	236.3	238.3	243.6	243.0	243.3	239.0	236.0	236.3	237.7
32.5°	252.3	250.3	251.3	257.2	260.5	259.2	259.9	257.9	251.3	249.9	250.9
35°	266.5	269.5	271.8	276.8	281.4	280.8	280.4	277.1	272.8	267.5	265.8
37.5°	288.7	292.0	298.3	307.3	315.6	317.2	312.9	308.6	298.7	291.0	287.1
40°	317.9	318.2	325.5	342.8	350.4	351.7	349.4	342.1	326.8	318.2	317.9
42.5°	343.4	341.1	353.0	367.6	374.6	375.2	373.6	367.6	353.0	340.8	343.1
45°	363.3	363.3	377.6	389.2	400.4	403.1	400.1	387.5	377.9	363.6	362.6
47.5°	381.5	386.5	398.4	412.7	428.6	432.3	428.6	413.7	397.4	386.8	381.2
50°	403.4	409.4	418.0	440.2	458.1	463.1	457.8	441.5	418.0	409.1	405.7
52.5°	428.9	433.9	447.5	475.3	488.6	495.9	491.6	476.0	448.2	434.6	431.9
55°	459.4	454.8	476.0	502.9	527.4	537.0	528.4	503.5	479.3	454.8	459.4
57.5°	475.0	469.7	499.5	525.1	559.2	571.8	561.2	527.1	499.5	471.4	474.7
60°	476.3	478.7	501.2	543.0	566.5	571.8	568.5	546.0	502.2	480.7	474.4
62.5°	472.4	486.6	505.8	548.9	570.2	583.1	571.8	549.6	507.8	488.9	472.7
65°	467.1	481.3	509.8	540.3	576.4	589.4	578.8	542.0	511.1	481.3	469.0
67.5°	457.8	452.8	487.9	528.7	560.2	567.8	561.2	529.4	487.6	452.1	458.8
70°	428.3	424.0	454.1	498.9	529.0	539.7	531.7	499.5	454.8	425.0	428.9
72.5°	384.5	385.8	415.0	457.8	490.3	496.9	492.6	457.4	416.7	387.5	382.2
75°	333.5	336.8	364.6	403.4	432.9	436.9	432.6	405.1	364.3	338.8	331.8
77.5°	274.1	279.1	301.7	340.4	360.0	368.9	362.0	341.4	303.3	280.4	273.5
80°	212.5	214.1	230.0	261.2	287.1	293.0	286.4	262.2	232.0	214.8	209.8
82.5°	139.2	141.9	156.1	180.0	196.9	195.2	196.9	178.0	157.8	141.2	132.9
85°	62.0	67.3	76.9	88.2	99.1	102.1	99.1	89.5	76.9	66.0	64.6
87.5°	4.3	5.0	6.0	6.3	7.0	5.3	5.3	5.3	4.6	5.3	4.3
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)