

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: P1245517

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

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245517
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P197998)
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-RW
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND RECTANGULAR DISTRIBUTION
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

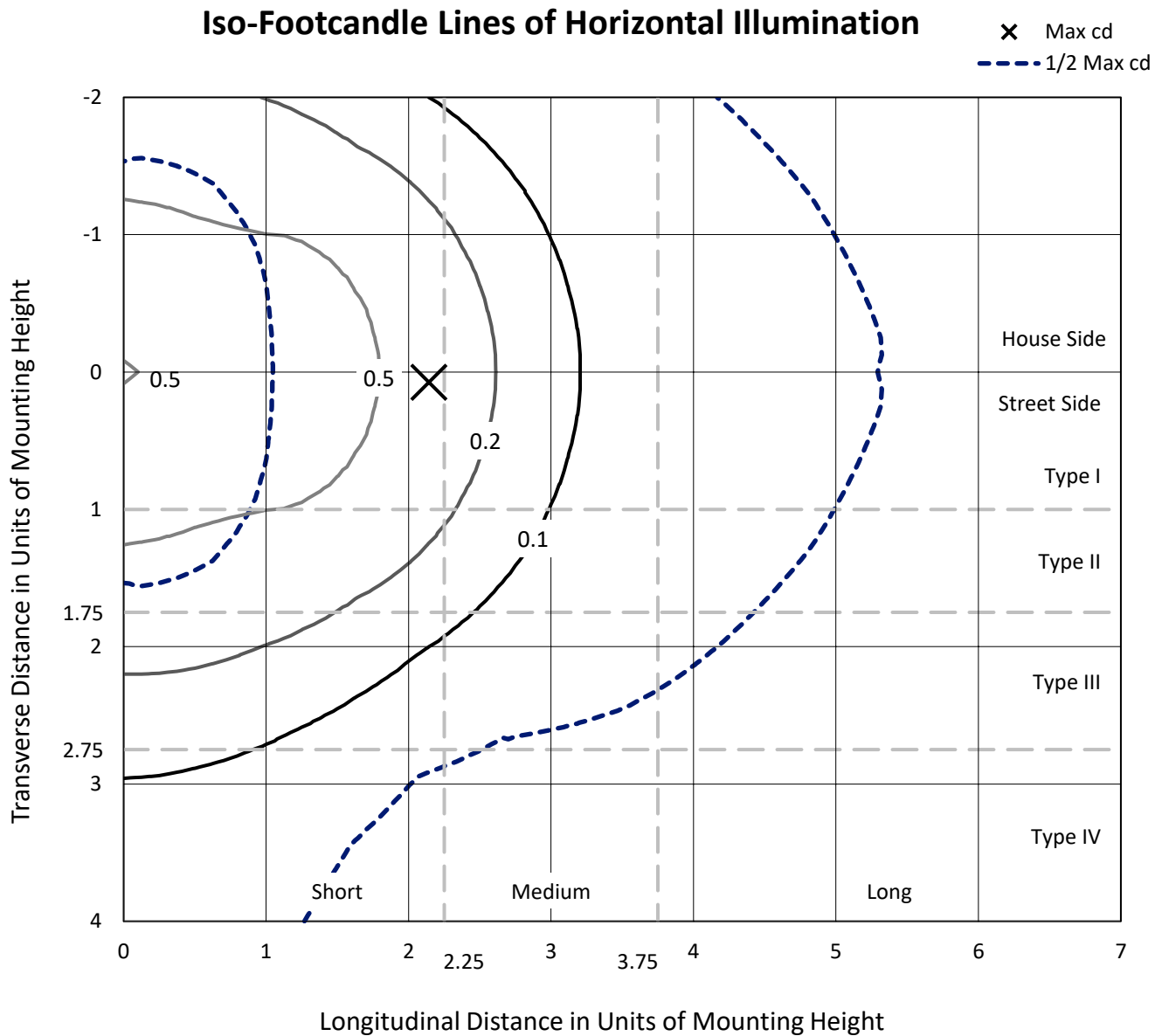
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1811 lumens
Efficiency: N/A
Efficacy: 36.9 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 49.1
Input Voltage (V): 120.0
Input Current (Ain): 0.417
Voltage Rise (V): NR
Power Factor: 0.979
Total Harmonic Distortion (THDi): 13.88%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

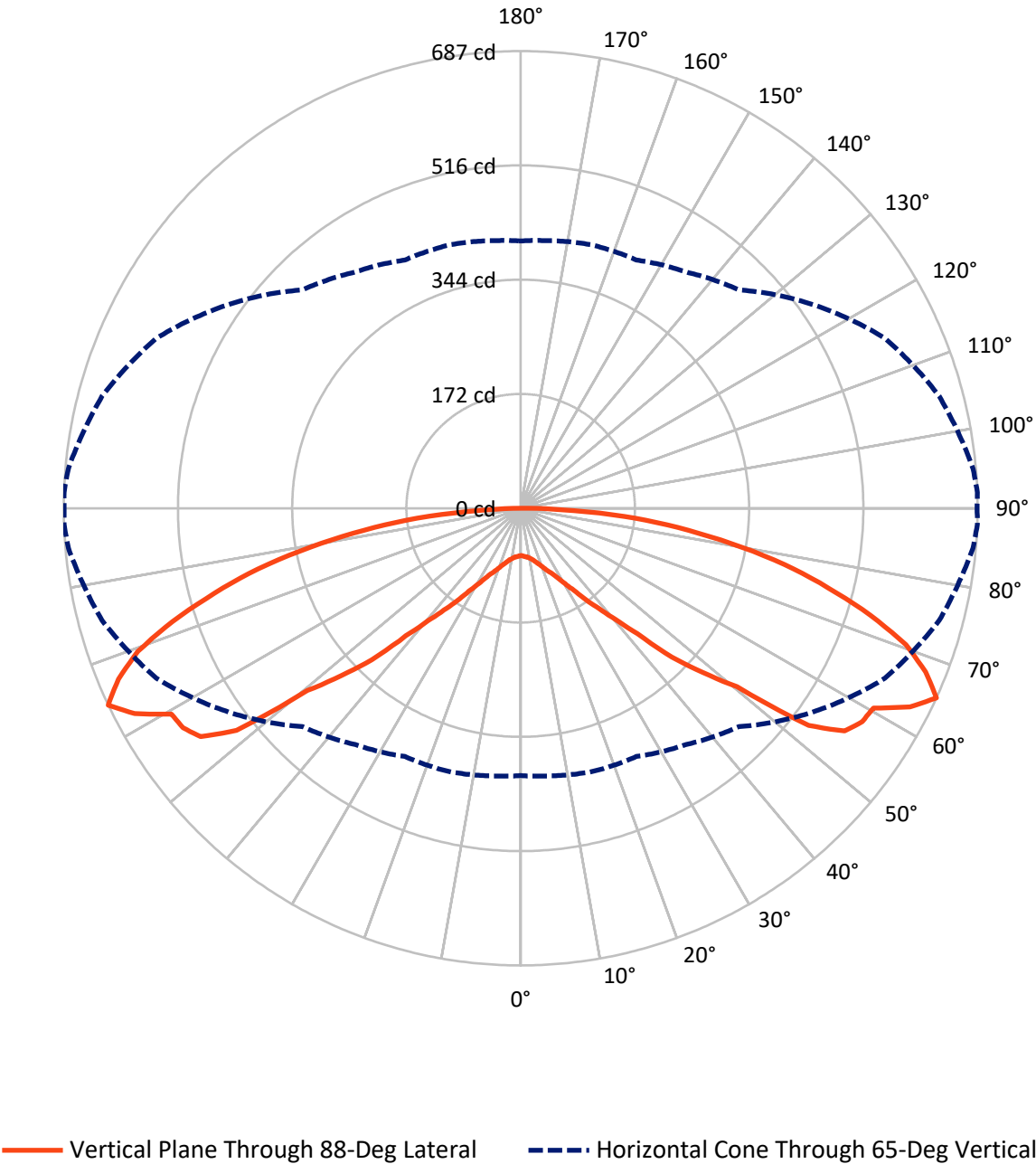


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Luminous Intensity Polar Plot



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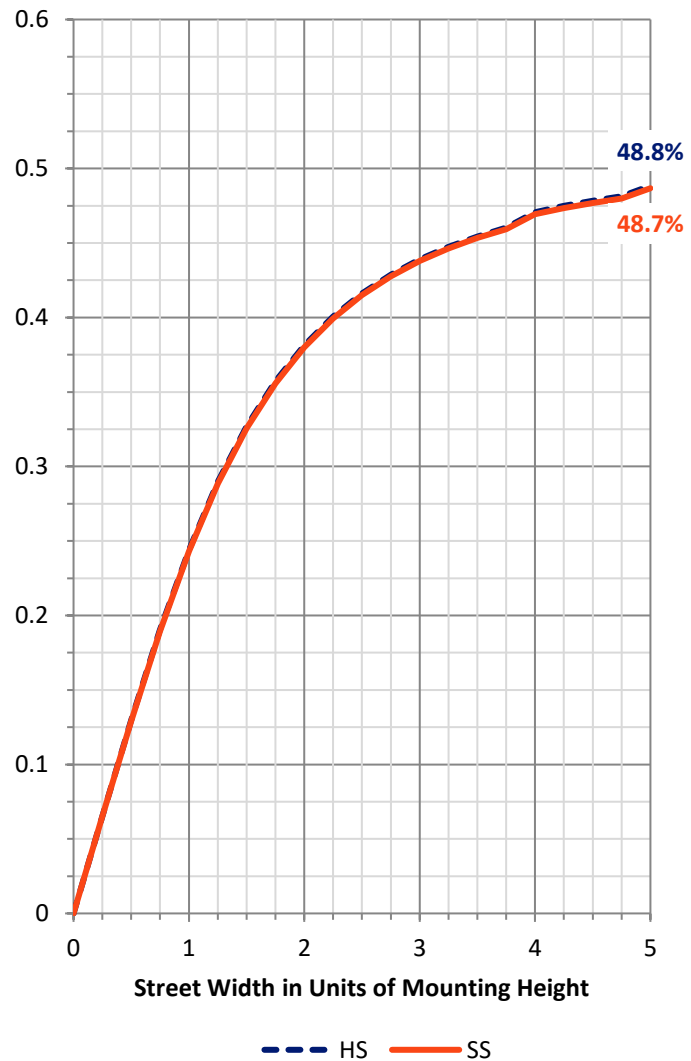
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	905.5	0.0	905.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	905.5	0.0	905.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	1811.0	0.0	1811.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	0.4
10°-20°	24.7	1.4
20°-30°	54.5	3.0
30°-40°	108.5	6.0
40°-50°	207.7	11.5
50°-60°	371.8	20.5
60°-70°	492.8	27.2
70°-80°	411.2	22.7
80°-90°	132.7	7.3
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°	1811.0	100.0
0°-180°	1811.0	100.0

Coefficient of Utilization



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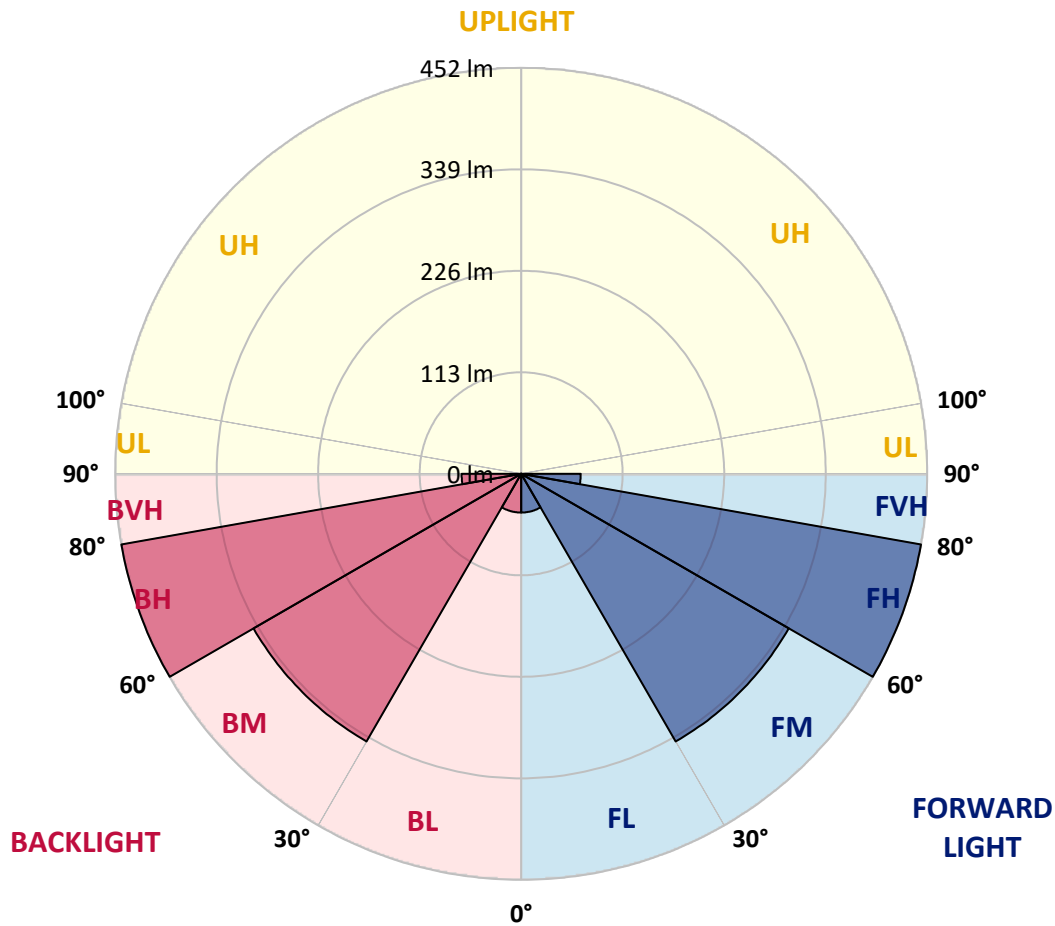
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	43.1	2.4			
FM	(30°-60°)	344.1	19.0			
FH	(60°-80°)	452.0	25.0			G0/660
FVH	(80°-90°)	66.3	3.7			G1/100
BL	(0°-30°)	43.1	2.4	B0/110		
BM	(30°-60°)	344.1	19.0	B1/1000		
BH	(60°-80°)	452.0	25.0	B1/500		G1/500
BVH	(80°-90°)	66.3	3.7			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	88°
0°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2.5°	71.6	71.6	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0
5°	72.7	72.7	73.1	73.1	73.4	73.4	73.4	73.4	73.1	73.1	73.1
7.5°	74.5	74.8	75.2	75.2	75.2	74.8	74.5	74.5	74.1	74.1	74.1
10°	77.7	77.7	78.0	78.0	77.7	77.3	77.0	76.6	76.6	76.6	76.6
12.5°	81.6	81.6	82.0	81.6	80.9	80.5	79.8	79.5	79.5	79.1	79.1
15°	86.9	87.7	87.7	86.6	85.5	84.5	84.1	83.4	83.4	83.4	83.4
17.5°	95.1	94.8	93.4	92.3	91.6	89.8	89.1	88.7	88.0	88.0	88.0
20°	104.4	103.7	101.9	100.5	99.1	96.9	95.5	94.8	94.4	94.1	94.1
22.5°	114.7	113.7	111.2	110.1	107.3	105.1	103.3	101.9	100.8	100.5	101.2
25°	125.4	125.4	123.3	120.4	117.6	114.4	111.9	110.1	108.7	108.3	108.0
27.5°	136.8	137.5	134.7	131.8	128.6	124.4	121.9	119.4	119.0	118.7	118.3
30°	149.0	150.4	147.5	144.7	140.4	136.1	132.9	131.8	130.8	131.5	131.5
32.5°	163.9	164.6	161.4	159.3	153.6	149.3	146.5	145.7	146.1	145.7	146.8
35°	181.4	180.3	177.8	173.5	168.6	164.6	162.5	163.9	167.8	169.3	168.6
37.5°	200.6	196.7	195.3	189.9	185.3	182.1	182.8	186.4	189.6	192.1	191.4
40°	214.9	215.6	211.7	206.7	202.4	201.7	205.6	210.2	216.3	218.4	219.2
42.5°	229.5	233.8	229.1	224.1	222.0	223.4	229.1	238.4	251.9	259.1	258.0
45°	246.2	250.9	245.9	242.0	241.6	246.9	259.4	283.6	303.6	317.9	319.3
47.5°	263.7	267.3	262.6	260.1	263.7	274.0	295.4	327.8	349.2	366.0	368.8
50°	285.8	284.4	280.8	280.4	288.3	307.2	336.0	368.8	407.3	418.3	421.9
52.5°	307.5	302.2	301.5	303.2	317.1	338.5	377.0	441.5	498.2	538.1	542.4
55°	327.8	321.8	323.2	327.8	347.4	379.9	433.3	512.1	561.6	589.7	591.2
57.5°	346.4	342.8	346.0	352.4	381.6	423.3	480.0	544.8	582.3	602.2	605.8
60°	365.3	364.5	368.5	380.2	411.6	448.6	496.0	553.4	590.8	606.1	609.7
62.5°	383.1	385.6	390.6	402.0	426.2	455.0	501.0	571.2	627.2	651.4	657.5
65°	402.0	404.1	410.2	411.9	433.7	464.3	534.9	604.7	651.8	683.1	687.4
67.5°	419.1	421.9	419.8	418.3	437.2	464.3	528.1	589.4	628.6	652.5	657.1
70°	435.5	432.2	423.7	412.6	418.0	436.5	495.0	548.1	587.6	610.1	614.7
72.5°	439.7	435.5	412.6	387.3	379.5	393.4	447.2	494.2	526.7	547.7	550.5
75°	428.7	419.8	381.3	346.4	331.4	345.3	390.2	430.5	453.3	476.1	477.9
77.5°	384.5	378.8	336.0	293.6	276.9	287.2	324.6	353.1	379.5	401.6	405.9
80°	315.7	310.7	273.0	238.4	215.9	223.1	250.5	273.3	298.6	316.1	321.4
82.5°	232.3	231.6	204.5	172.1	156.4	155.7	176.4	198.8	218.1	234.8	238.4
85°	146.1	146.1	127.6	108.0	91.6	91.9	104.4	120.8	145.0	155.7	156.8
87.5°	49.5	47.0	43.8	35.6	28.5	25.7	27.4	31.4	47.7	59.2	61.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°
0°	70.9
2.5°	72.0
5°	73.1
7.5°	74.1
10°	76.3
12.5°	79.5
15°	83.0
17.5°	88.0
20°	94.1
22.5°	100.8
25°	108.0
27.5°	118.7
30°	131.1
32.5°	146.5
35°	168.9
37.5°	192.1
40°	220.9
42.5°	260.8
45°	315.7
47.5°	368.8
50°	418.0
52.5°	533.4
55°	592.6
57.5°	605.4
60°	608.6
62.5°	654.2
65°	686.7
67.5°	656.7
70°	613.6
72.5°	548.4
75°	480.7
77.5°	405.9
80°	317.1
82.5°	238.4
85°	154.3
87.5°	59.5
90°	0.0

(END OF REPORT)