

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: P1245513

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

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245513
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1908-473-16)
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-MQ
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND MEDIUM DISTRIBUTION
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

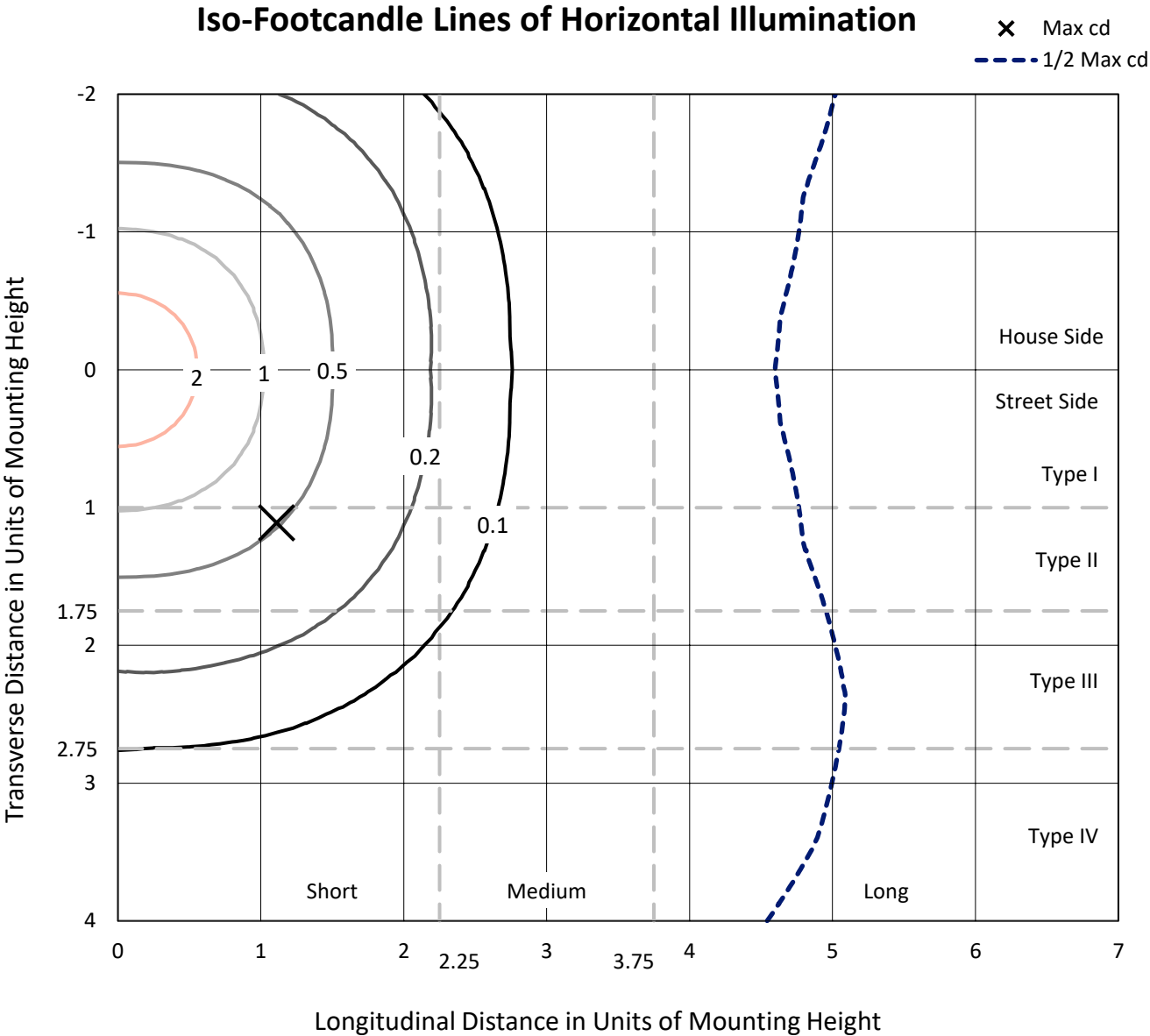
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2266 lumens
Efficiency: N/A
Efficacy: 47.6 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



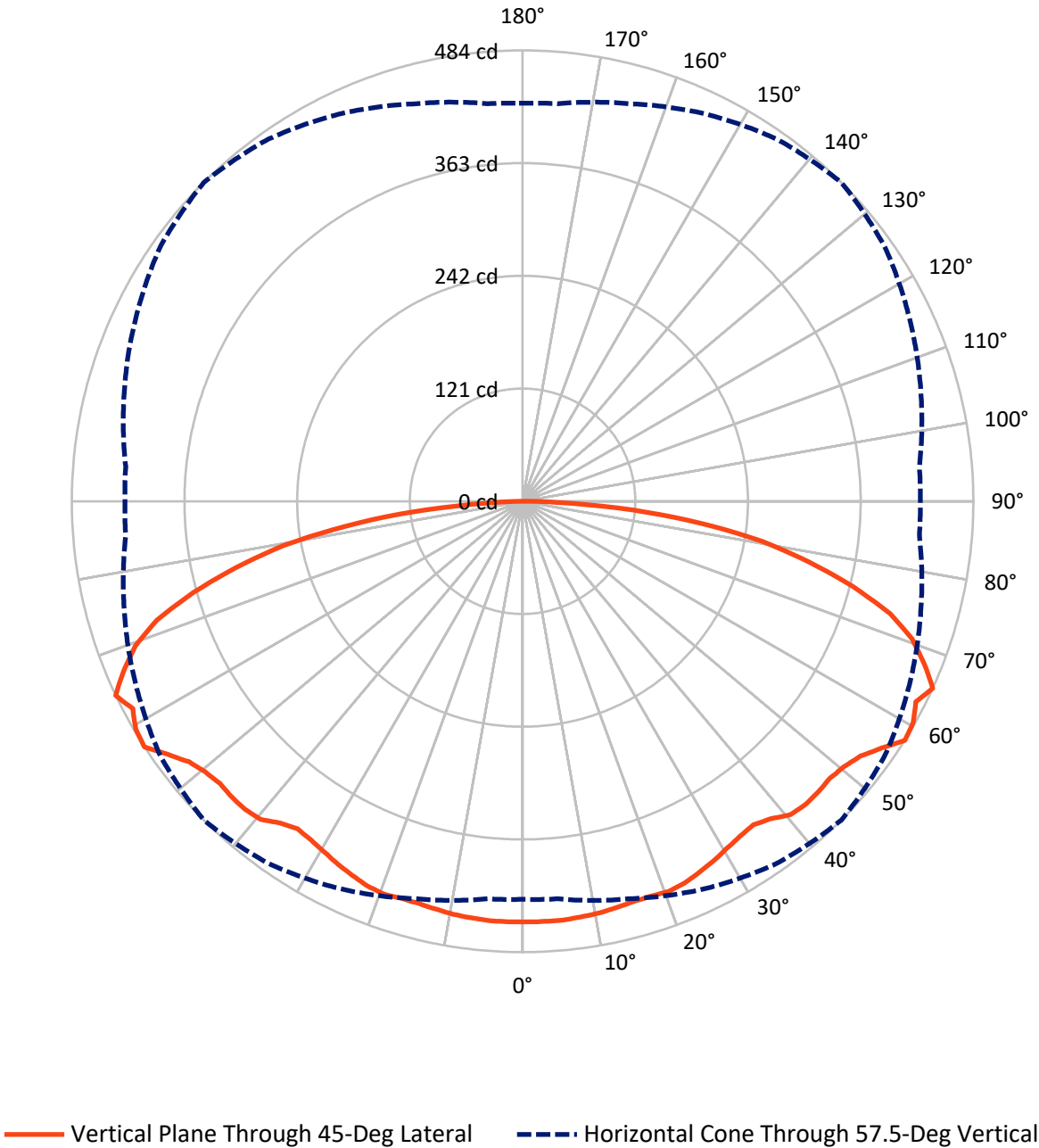
REPORT NUMBER: P1245513
CATALOG NUMBER: TT-D7-AMB-U-MQ



Based on 12 foot mounting height. Maximum calculated value = 3.1 fc
Type V - Short - N/A

REPORT NUMBER: P1245513
CATALOG NUMBER: TT-D7-AMB-U-MQ

Luminous Intensity Polar Plot



REPORT NUMBER: P1245513

CATALOG NUMBER: TT-D7-AMB-U-MQ

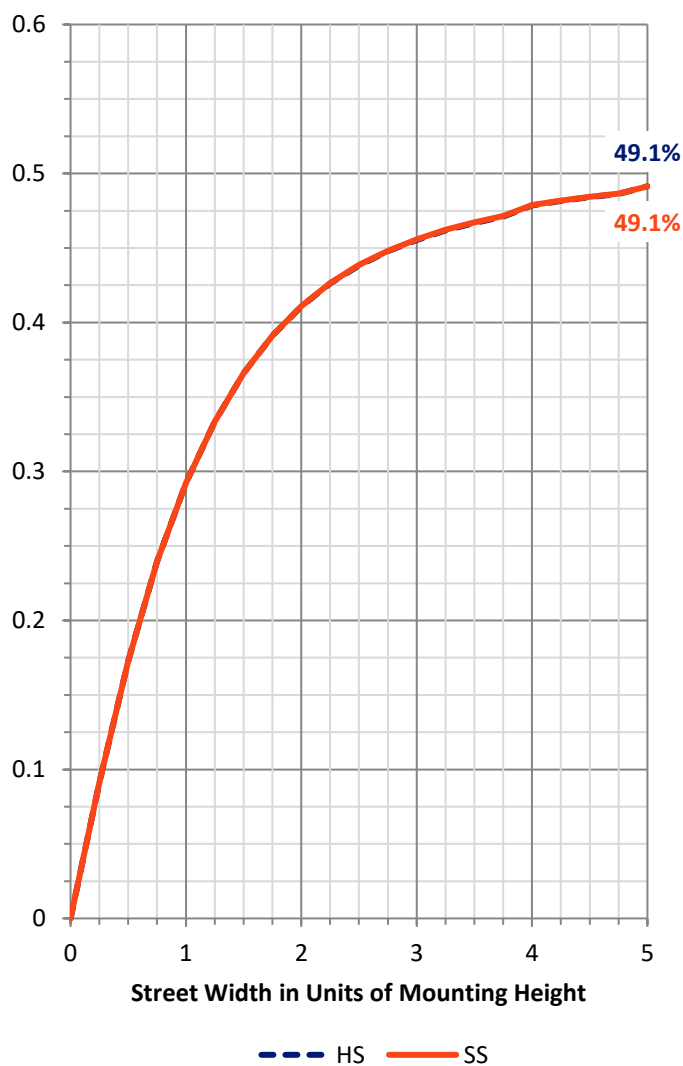
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1133.0	0.0	1133.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1133.0	0.0	1133.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	2266.0	0.0	2266.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.0	1.9
10°-20°	126.5	5.6
20°-30°	203.3	9.0
30°-40°	268.3	11.8
40°-50°	335.7	14.8
50°-60°	399.3	17.6
60°-70°	433.1	19.1
70°-80°	344.7	15.2
80°-90°	112.1	4.9
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°	2266.0	100.0
0°-180°	2266.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1245513

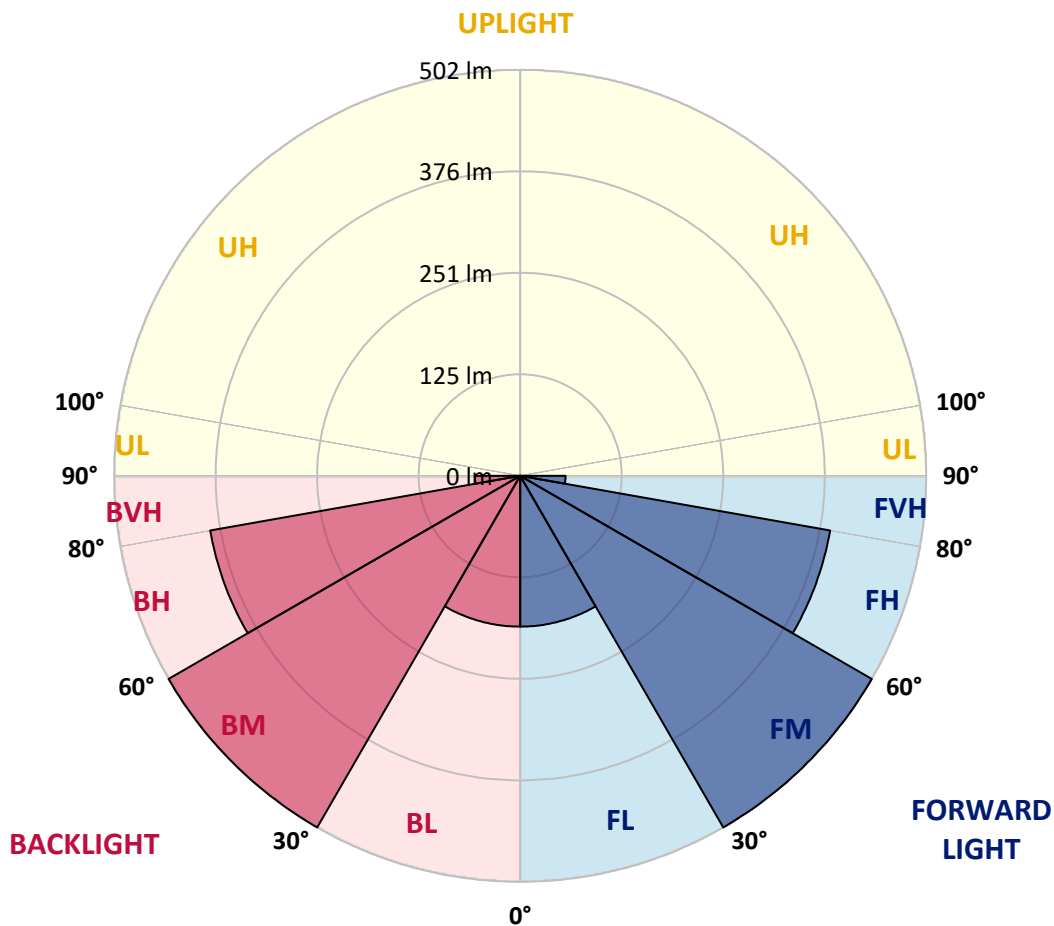
CATALOG NUMBER: TT-D7-AMB-U-MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	186.4	8.2			
FM	(30°-60°)	501.7	22.1			
FH	(60°-80°)	388.9	17.2			G0/660
FVH	(80°-90°)	56.0	2.5			G1/100
BL	(0°-30°)	186.4	8.2	B1/500		
BM	(30°-60°)	501.7	22.1	B1/1000		
BH	(60°-80°)	388.9	17.2	B1/500		G0/660
BVH	(80°-90°)	56.0	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



REPORT NUMBER: P1245513

CATALOG NUMBER: TT-D7-AMB-U-MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	451.3	451.3	451.3	451.3	451.3	451.3	451.3	451.3	451.3	451.3	451.3
2.5°	452.0	451.7	452.0	451.7	451.7	451.3	451.7	451.7	451.7	451.7	451.7
5°	451.7	451.3	451.3	451.7	451.3	451.3	451.3	451.3	451.3	451.3	451.3
7.5°	450.3	450.3	450.6	450.3	450.3	450.3	450.3	450.3	450.3	450.6	450.6
10°	449.3	449.0	449.3	449.3	449.0	449.3	449.0	449.3	449.3	449.3	449.3
12.5°	447.9	447.6	447.9	447.9	447.6	447.3	447.6	447.6	447.9	447.9	447.9
15°	445.6	445.6	446.3	445.9	445.9	445.6	446.3	445.9	445.6	445.9	445.9
17.5°	443.9	443.9	444.6	445.3	445.3	445.3	445.3	444.9	444.2	444.6	443.9
20°	444.2	444.6	444.9	445.9	446.6	446.9	446.9	445.9	444.9	445.3	444.9
22.5°	443.2	442.9	443.2	443.9	444.9	444.9	444.9	443.6	443.2	442.9	442.9
25°	439.2	439.2	439.9	440.5	441.2	440.9	441.2	440.5	439.9	439.2	439.2
27.5°	434.5	434.5	435.5	436.1	436.8	436.8	436.5	435.8	435.5	434.8	434.5
30°	429.7	429.7	430.8	431.4	432.4	432.1	432.1	431.1	430.1	429.4	429.4
32.5°	424.7	424.4	425.4	427.0	428.4	428.4	428.4	426.4	425.0	424.4	424.0
35°	420.3	420.3	421.7	424.7	426.4	426.4	425.7	424.4	421.3	420.3	420.3
37.5°	419.0	420.0	423.7	428.1	431.4	432.1	431.1	427.4	423.3	420.3	419.3
40°	423.3	424.4	429.1	436.1	441.2	442.2	441.2	435.8	428.7	424.0	423.7
42.5°	424.0	424.7	430.4	438.5	443.2	444.9	443.2	437.8	430.1	424.4	424.0
45°	421.7	422.0	428.7	437.2	442.9	444.9	442.9	436.5	428.4	422.0	421.7
47.5°	418.6	419.3	426.7	435.5	442.6	443.9	442.2	435.1	426.0	419.6	418.6
50°	416.3	418.3	425.0	434.8	443.2	447.3	443.2	433.8	424.7	417.6	416.3
52.5°	417.6	418.3	427.0	440.9	452.3	454.0	452.0	440.9	426.4	418.3	417.3
55°	421.7	424.7	434.1	454.0	464.5	467.5	463.1	453.3	434.5	424.7	421.7
57.5°	427.0	428.1	441.5	459.1	474.6	483.7	474.9	458.7	442.6	427.4	426.7
60°	422.7	419.6	436.5	457.0	477.9	481.7	476.6	457.4	435.8	419.3	422.3
62.5°	410.9	412.9	426.7	455.0	469.5	473.6	468.2	455.0	426.0	414.6	409.9
65°	401.4	413.6	428.7	449.0	472.2	483.7	472.6	448.3	429.4	411.5	400.4
67.5°	388.3	390.6	413.2	438.2	459.1	464.8	458.7	438.5	411.2	389.0	390.6
70°	366.0	362.7	385.6	414.6	434.5	443.6	435.1	413.2	384.6	362.0	365.0
72.5°	329.3	331.3	352.6	383.2	403.8	412.6	404.1	380.9	351.9	333.3	331.3
75°	290.9	293.2	313.8	341.8	362.7	366.4	364.0	340.1	314.5	292.9	290.9
77.5°	247.1	249.4	266.3	296.9	309.4	315.1	310.1	298.6	265.6	249.1	246.4
80°	198.5	197.9	212.7	239.0	254.5	260.9	254.5	239.6	212.0	199.2	194.8
82.5°	141.9	142.6	156.4	174.6	189.4	191.4	188.4	176.3	155.0	144.3	138.2
85°	78.9	81.9	92.0	105.5	115.3	118.6	113.6	102.1	91.7	83.3	80.6
87.5°	18.9	20.6	23.9	30.3	34.0	37.4	34.0	31.7	22.6	20.6	18.9
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)