

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: P887535

Luminaire Tested: **TT-D1-750-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887535
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-5)
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D1-750-U-RW-TC
Description: RW
5000K, 70 CRI LEDS, RECTANGULAR DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2767 lumens
Efficiency: N/A
Efficacy: 98.8 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

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

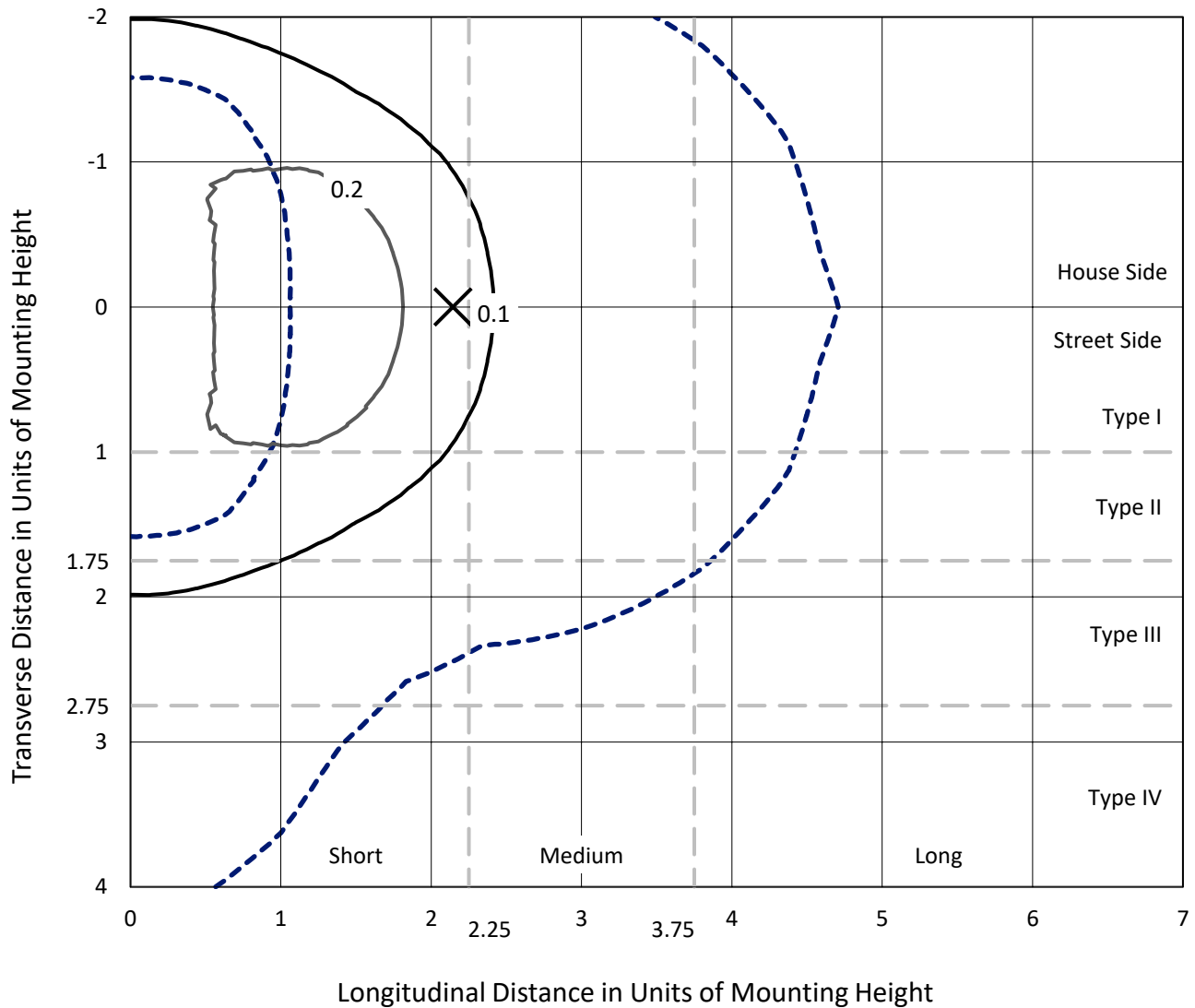


REPORT NUMBER: P887535

CATALOG NUMBER: TT-D1-750-U-RW-TC

Iso-Footcandle Lines of Horizontal Illumination

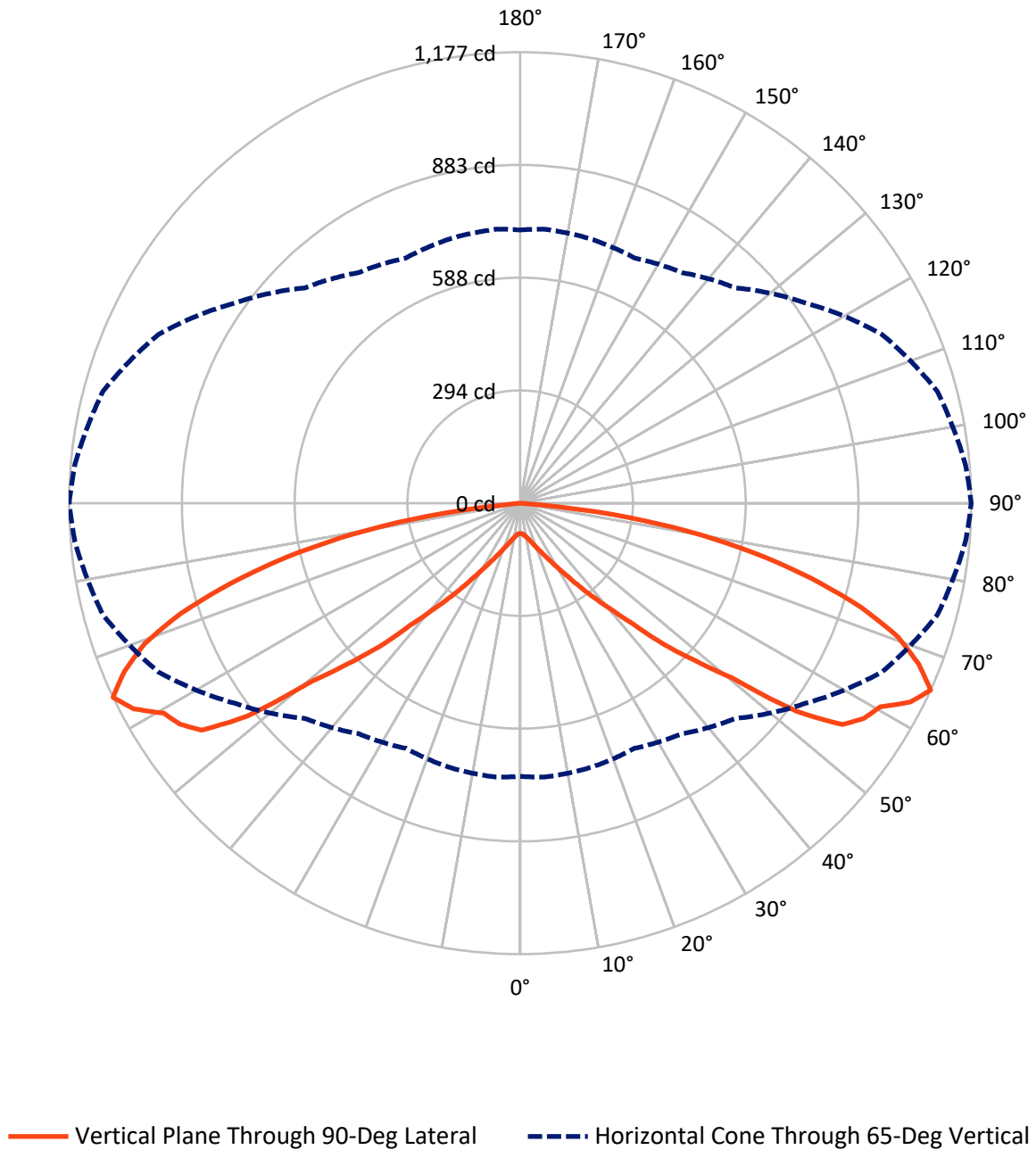
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.3 fc
 Type IV - Short - N/A

REPORT NUMBER: P887535
CATALOG NUMBER: TT-D1-750-U-RW-TC

Luminous Intensity Polar Plot



REPORT NUMBER: P887535

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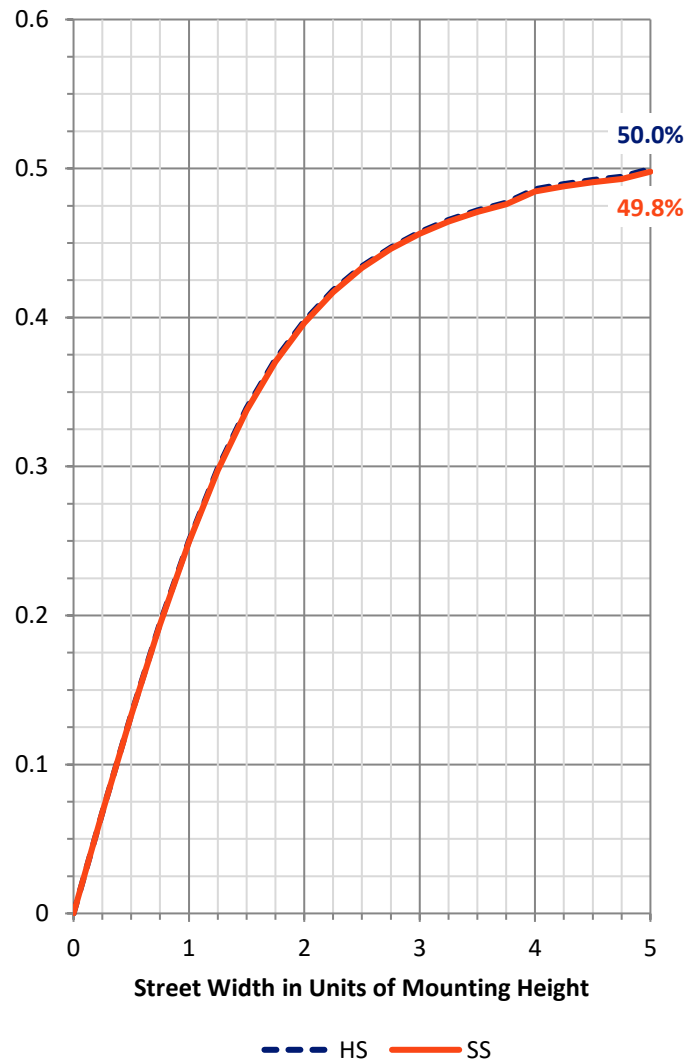
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1383.5	0.0	1383.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1383.5	0.0	1383.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2767.0	0.0	2767.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.3
10°-20°	29.4	1.1
20°-30°	67.7	2.4
30°-40°	147.6	5.3
40°-50°	319.2	11.5
50°-60°	625.6	22.6
60°-70°	845.9	30.6
70°-80°	634.2	22.9
80°-90°	89.4	3.2
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°	2767.0	100.0
0°-180°	2767.0	100.0

Coefficient of Utilization



REPORT NUMBER: P887535

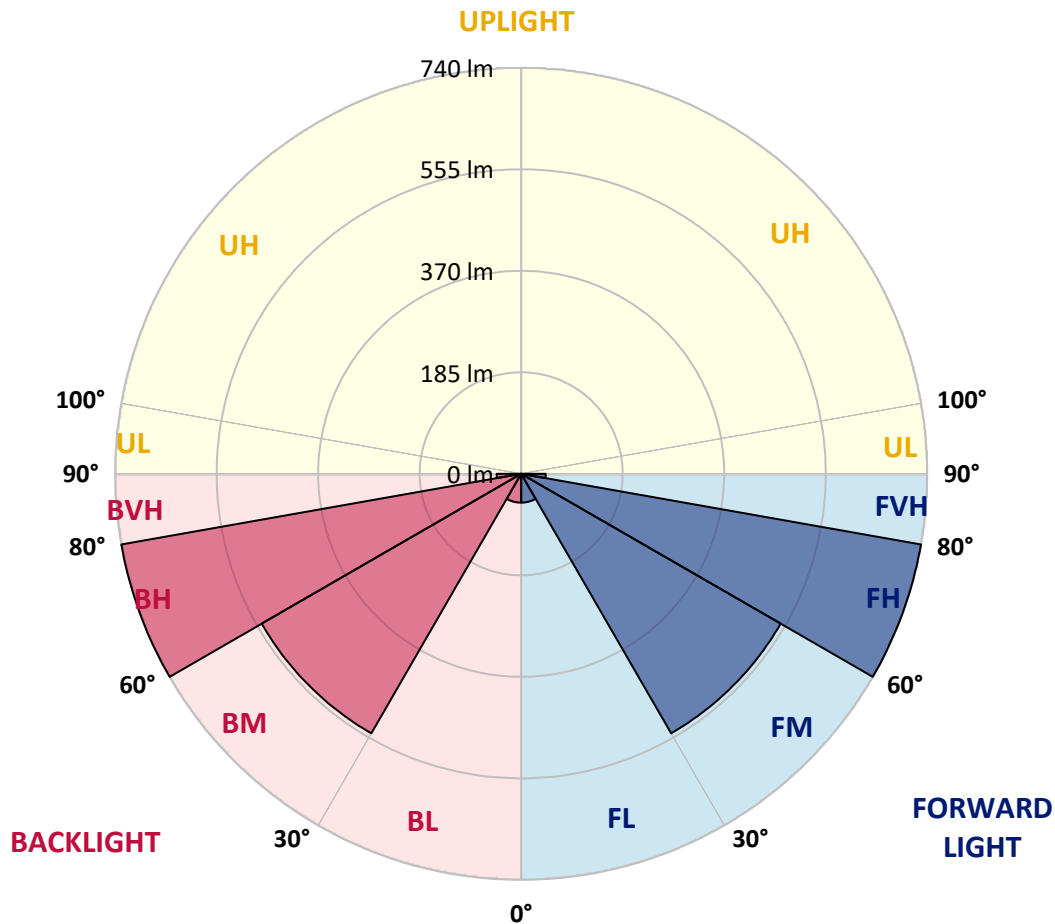
CATALOG NUMBER: TT-D1-750-U-RW-TC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	52.6	1.9			
FM	(30°-60°)	546.2	19.7			
FH	(60°-80°)	740.0	26.7			G1/1800
FVH	(80°-90°)	44.7	1.6			G1/100
BL	(0°-30°)	52.6	1.9	B0/110		
BM	(30°-60°)	546.2	19.7	B1/1000		
BH	(60°-80°)	740.0	26.7	B2/1000		G2/1000
BVH	(80°-90°)	44.7	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type IV Short



REPORT NUMBER: P887535

CATALOG NUMBER: TT-D1-750-U-RW-TC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
2.5°	80.1	80.1	80.1	80.1	79.8	80.1	79.8	79.8	79.8	79.8	79.8
5°	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.6	81.6
7.5°	84.1	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	84.7	84.7
10°	88.3	88.6	88.9	88.9	88.9	89.2	89.8	89.8	89.8	89.5	90.1
12.5°	93.2	93.5	93.5	93.8	94.4	94.4	94.7	95.3	95.6	95.6	96.2
15°	99.0	99.6	99.6	99.6	100.8	101.1	101.7	102.3	102.9	102.9	103.5
17.5°	105.7	106.6	106.3	106.6	108.1	108.7	109.9	110.6	112.1	112.7	113.3
20°	113.9	114.8	114.5	115.1	116.3	117.9	119.1	121.5	123.0	123.0	124.3
22.5°	124.0	124.9	124.3	124.6	126.4	127.6	130.3	132.8	135.2	136.4	137.7
25°	135.5	136.7	135.8	136.4	138.3	139.8	143.1	147.4	150.1	152.3	154.1
27.5°	151.1	152.3	151.4	151.4	153.8	155.0	159.9	164.8	169.3	171.5	173.0
30°	168.1	169.9	168.4	168.4	171.2	172.4	178.2	185.5	191.9	195.5	198.0
32.5°	188.2	189.1	187.9	188.2	190.3	192.5	201.3	211.4	220.2	224.8	227.8
35°	211.7	213.5	210.4	209.8	213.2	217.4	228.7	243.9	257.0	263.4	266.8
37.5°	239.1	240.0	236.9	236.3	241.5	247.6	263.4	283.5	298.2	306.7	311.2
40°	270.4	273.2	268.3	268.6	273.8	282.9	303.3	327.4	347.2	357.5	362.4
42.5°	304.5	310.0	303.6	303.0	312.5	324.3	349.0	380.1	409.6	424.8	428.8
45°	342.3	350.5	344.4	343.8	356.6	372.2	406.9	454.4	492.8	520.8	525.7
47.5°	386.2	394.1	386.8	388.6	403.5	428.5	475.1	532.7	579.3	609.7	614.0
50°	437.3	438.6	434.0	435.8	462.0	494.6	551.8	614.3	682.5	713.6	715.7
52.5°	487.3	483.6	480.3	486.4	518.6	559.5	631.0	734.0	829.9	891.1	902.1
55°	536.6	530.8	530.5	539.7	580.8	637.4	729.4	858.8	956.9	1008.1	1020.2
57.5°	583.8	581.4	581.7	589.3	641.1	712.9	820.2	938.0	1017.8	1052.5	1058.6
60°	629.5	633.8	630.7	643.2	699.2	771.1	854.3	968.5	1046.1	1076.3	1079.3
62.5°	674.0	678.2	677.0	687.1	724.5	784.8	872.5	1005.6	1095.2	1138.1	1142.7
65°	712.9	717.5	713.6	705.9	734.6	794.3	910.0	1041.6	1126.8	1165.8	1176.8
67.5°	741.6	742.8	727.9	707.8	723.9	773.3	884.7	1010.8	1085.1	1110.7	1121.3
70°	757.4	748.3	721.2	682.2	672.7	710.8	821.4	932.2	1008.7	1034.9	1045.2
72.5°	739.7	726.7	678.5	616.7	586.6	615.8	723.9	828.4	891.4	917.9	930.7
75°	677.6	657.8	595.7	519.3	477.2	505.6	601.8	695.3	749.5	769.9	784.5
77.5°	555.2	540.3	477.2	399.3	356.0	376.4	459.9	533.3	588.4	603.0	623.7
80°	388.3	371.9	330.7	265.3	225.4	235.1	298.5	356.9	404.7	424.2	443.4
82.5°	192.2	179.7	164.8	128.5	98.7	99.3	135.2	162.9	205.6	222.9	242.4
85°	7.0	7.9	9.4	11.6	9.1	7.0	13.1	15.5	10.7	16.8	10.4
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)