

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: INVUE

Report Number: P672787

Luminaire Tested: **CCP-SA-1B-722-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672787
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-722-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

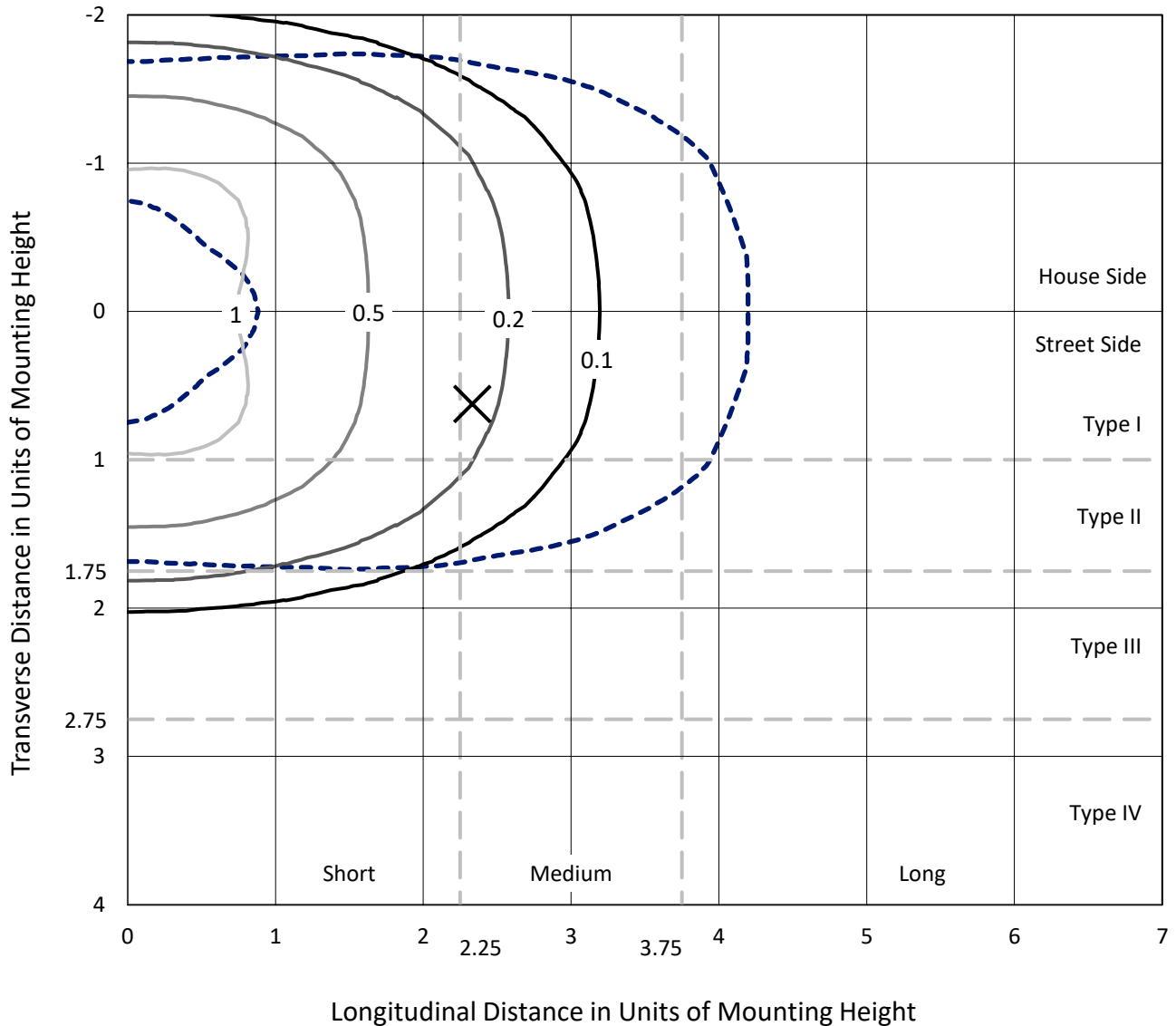
Lumens per Lamp: N/A
Luminaire Lumens: 2587.8 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

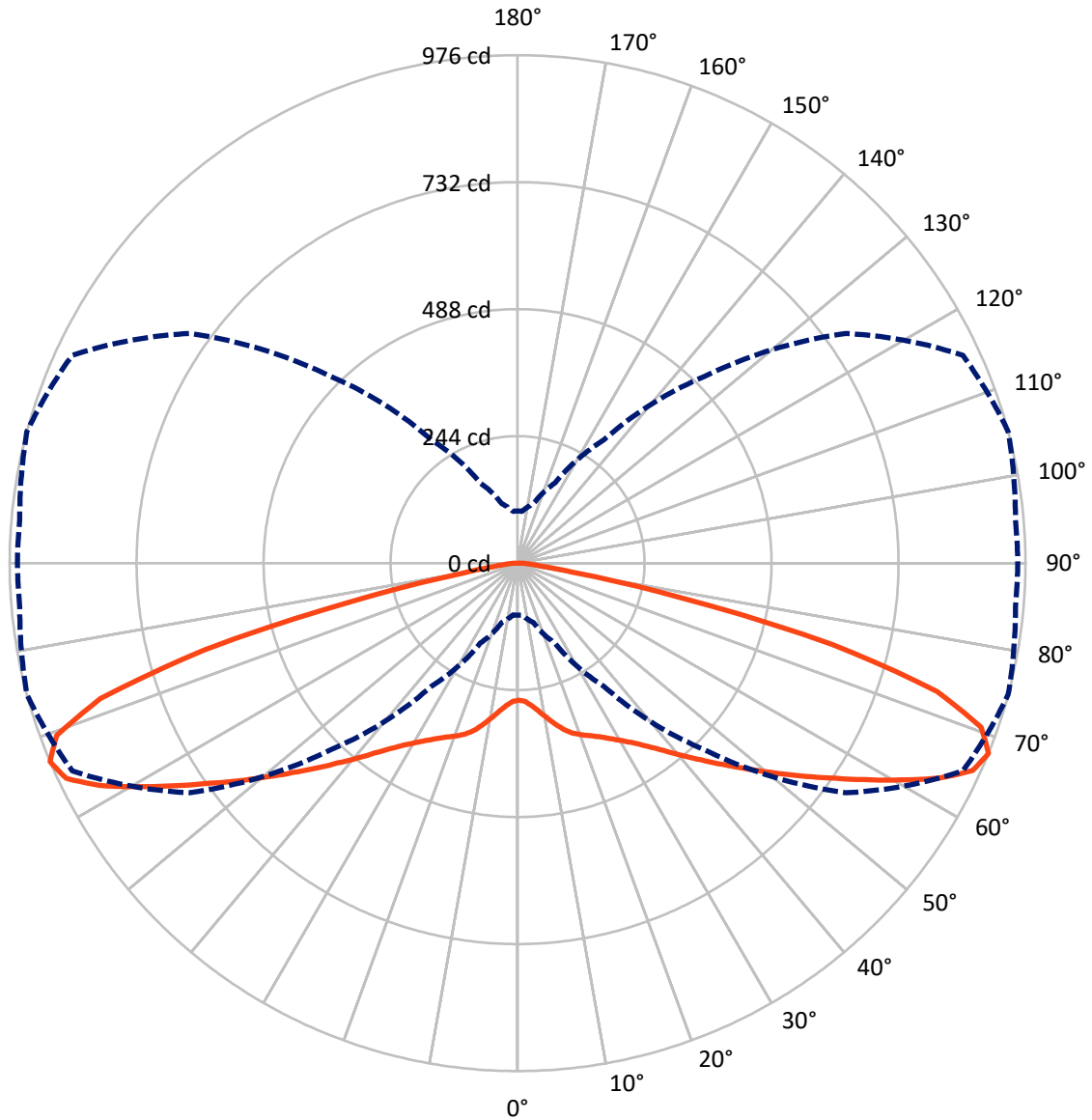
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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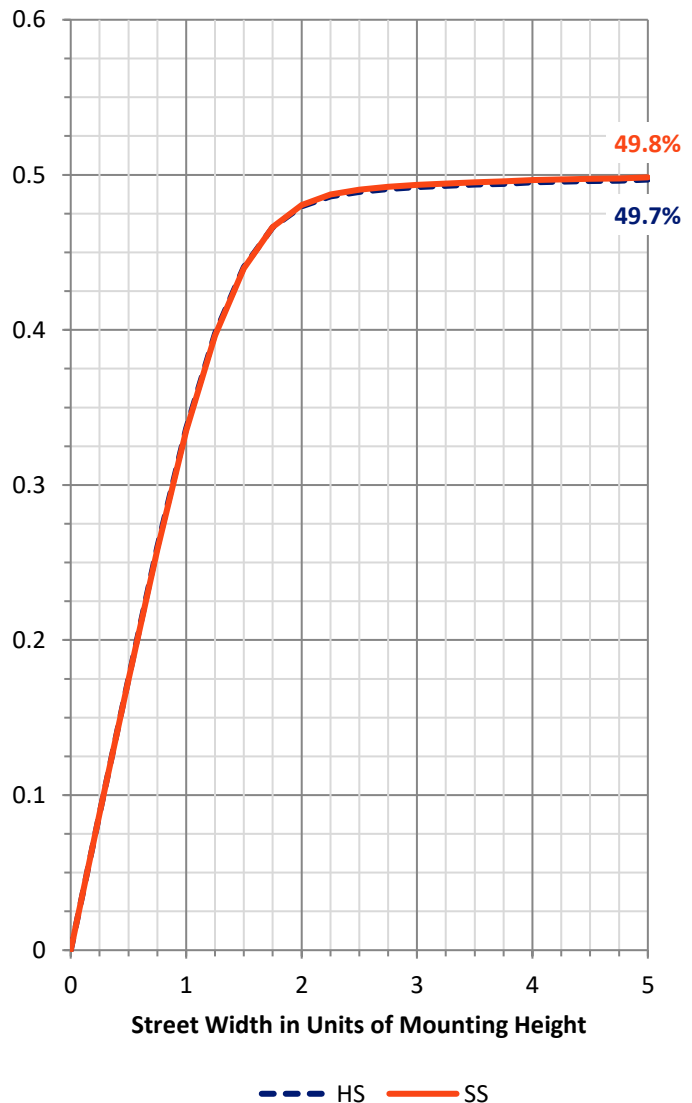
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1293.9	0.0	1293.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1293.9	0.0	1293.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	2587.8	0.0	2587.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	1.0
10°-20°	87.8	3.4
20°-30°	171.4	6.6
30°-40°	295.7	11.4
40°-50°	479.0	18.5
50°-60°	651.4	25.2
60°-70°	601.0	23.2
70°-80°	251.5	9.7
80°-90°	24.0	0.9
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°	2587.8	100.0
0°-180°	2587.8	100.0



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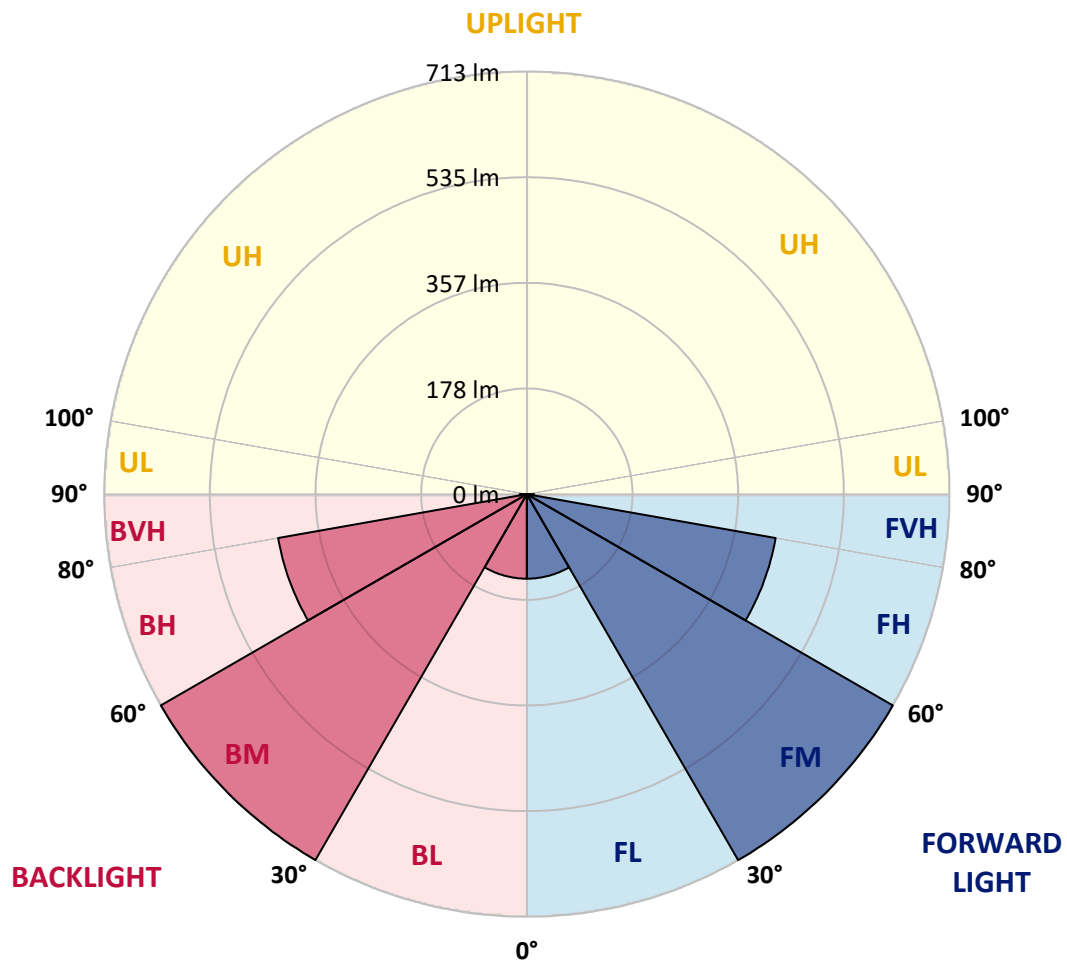
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	142.6	5.5			
FM (30°-60°)	713.1	27.6			
FH (60°-80°)	426.2	16.5			G0/660
FVH (80°-90°)	12.0	0.5			G1/100
BL (0°-30°)	142.6	5.5	B1/500		
BM (30°-60°)	713.1	27.6	B1/1000		
BH (60°-80°)	426.2	16.5	B1/500		G1/500
BVH (80°-90°)	12.0	0.5			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	263.3	263.3	263.3	263.3	263.3	263.3	263.3	263.3	263.3	263.3	263.3
2.5°	261.6	261.6	262.3	263.3	263.6	264.4	264.6	264.6	265.7	265.5	265.7
5°	260.8	260.8	262.2	263.8	265.7	267.9	270.2	271.5	274.2	274.8	275.0
7.5°	261.6	261.8	263.6	266.4	269.6	273.7	278.0	281.5	286.2	287.8	288.9
10°	264.4	264.6	267.0	270.9	275.7	281.7	287.8	293.4	300.9	304.2	304.8
12.5°	268.7	268.8	272.4	278.7	285.6	293.0	299.9	307.0	316.3	321.3	322.4
15°	275.2	274.6	280.2	289.5	299.2	308.5	314.6	321.5	331.4	337.9	339.5
17.5°	284.1	284.5	291.4	303.3	315.2	324.7	330.8	334.7	343.3	350.0	351.6
20°	295.3	296.9	305.7	319.5	333.4	343.5	347.7	347.2	352.0	357.8	359.1
22.5°	311.1	312.2	322.8	338.2	354.2	364.7	366.3	360.2	360.0	363.7	365.4
25°	329.7	330.6	341.8	359.6	376.6	387.6	385.9	375.3	369.7	369.9	371.0
27.5°	351.5	353.3	364.9	383.1	400.6	410.6	408.2	392.8	381.8	378.4	377.7
30°	379.7	381.8	393.5	411.0	426.4	435.4	431.6	412.1	395.7	390.2	389.0
32.5°	416.6	416.4	428.5	445.4	456.2	462.0	454.7	432.6	411.9	404.5	403.0
35°	454.5	456.4	468.3	484.7	492.9	493.2	481.7	456.8	432.2	419.4	416.6
37.5°	497.3	498.3	512.0	527.5	532.9	529.9	512.8	485.0	456.8	443.2	438.3
40°	541.2	542.2	558.2	573.0	579.0	571.9	549.4	516.3	485.8	470.9	468.1
42.5°	582.0	584.4	602.3	619.7	625.5	617.3	590.2	550.5	516.5	502.2	498.4
45°	615.8	618.4	638.5	660.9	671.1	664.4	633.7	589.0	551.8	536.4	530.1
47.5°	641.3	644.7	666.1	692.9	712.8	711.5	680.0	629.8	589.8	571.6	565.8
50°	658.8	662.4	685.4	714.3	744.2	754.3	727.1	674.8	632.0	611.6	607.7
52.5°	660.1	663.3	689.7	725.6	765.6	787.8	773.4	722.3	678.5	657.3	654.5
55°	631.1	633.3	668.5	716.3	774.4	813.4	815.7	774.0	728.2	706.8	705.5
57.5°	564.5	567.7	609.7	673.0	759.8	830.0	852.3	828.1	784.4	764.3	763.2
60°	456.0	460.1	508.1	592.2	707.4	825.7	883.4	878.9	845.8	826.3	825.5
62.5°	321.7	323.2	373.2	465.9	604.7	780.3	898.5	928.4	909.4	889.7	890.8
65°	189.0	191.1	227.7	311.1	458.6	675.9	872.4	962.8	960.4	942.4	944.2
67.5°	99.9	99.9	118.3	170.1	288.4	506.1	768.8	943.9	975.5	959.7	960.6
70°	69.0	68.8	72.2	85.4	139.4	313.7	575.1	844.5	944.8	938.8	941.2
72.5°	58.4	58.0	58.2	60.1	70.9	141.8	349.2	650.4	842.3	851.4	853.4
75°	51.2	50.6	50.2	49.9	50.8	64.4	159.3	401.3	624.4	681.7	680.6
77.5°	44.1	43.7	43.4	42.0	40.6	42.2	65.1	180.5	321.1	379.0	374.9
80°	36.3	36.3	36.8	35.0	32.2	31.1	38.9	67.4	106.6	111.3	102.3
82.5°	28.5	28.5	31.3	28.7	25.3	22.5	27.0	35.9	43.4	35.2	28.7
85°	20.1	20.3	26.0	23.8	19.5	13.0	16.7	21.4	24.4	15.4	12.1
87.5°	8.2	8.7	16.2	12.8	12.3	6.5	7.8	9.5	12.1	6.5	5.2
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)