

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: P672799

Luminaire Tested: **CCP-SA-1C-727-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672799
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-727-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

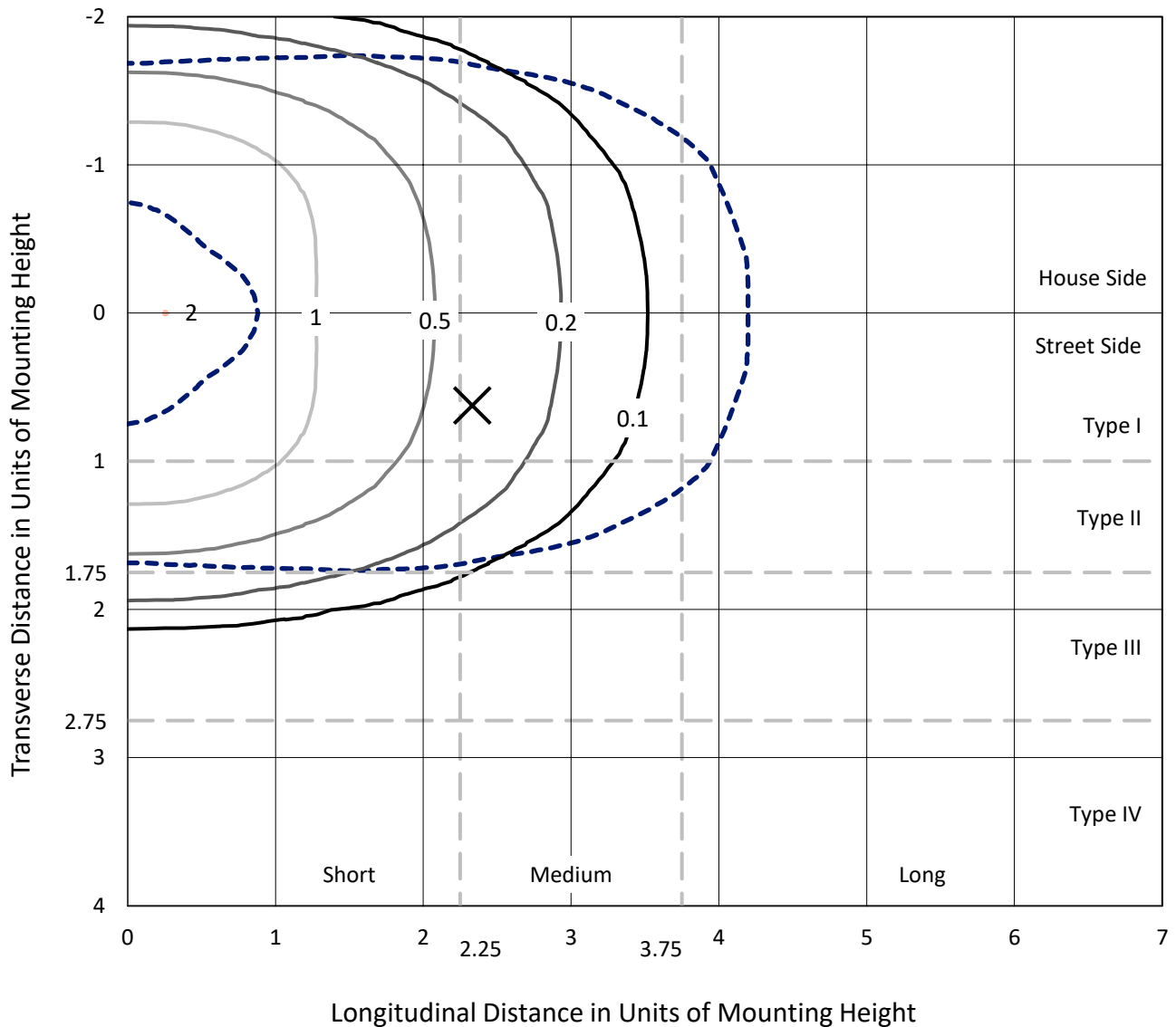
Lumens per Lamp: N/A
Luminaire Lumens: 3846.3 lumens
Efficiency: N/A
Efficacy: 120.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 32
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

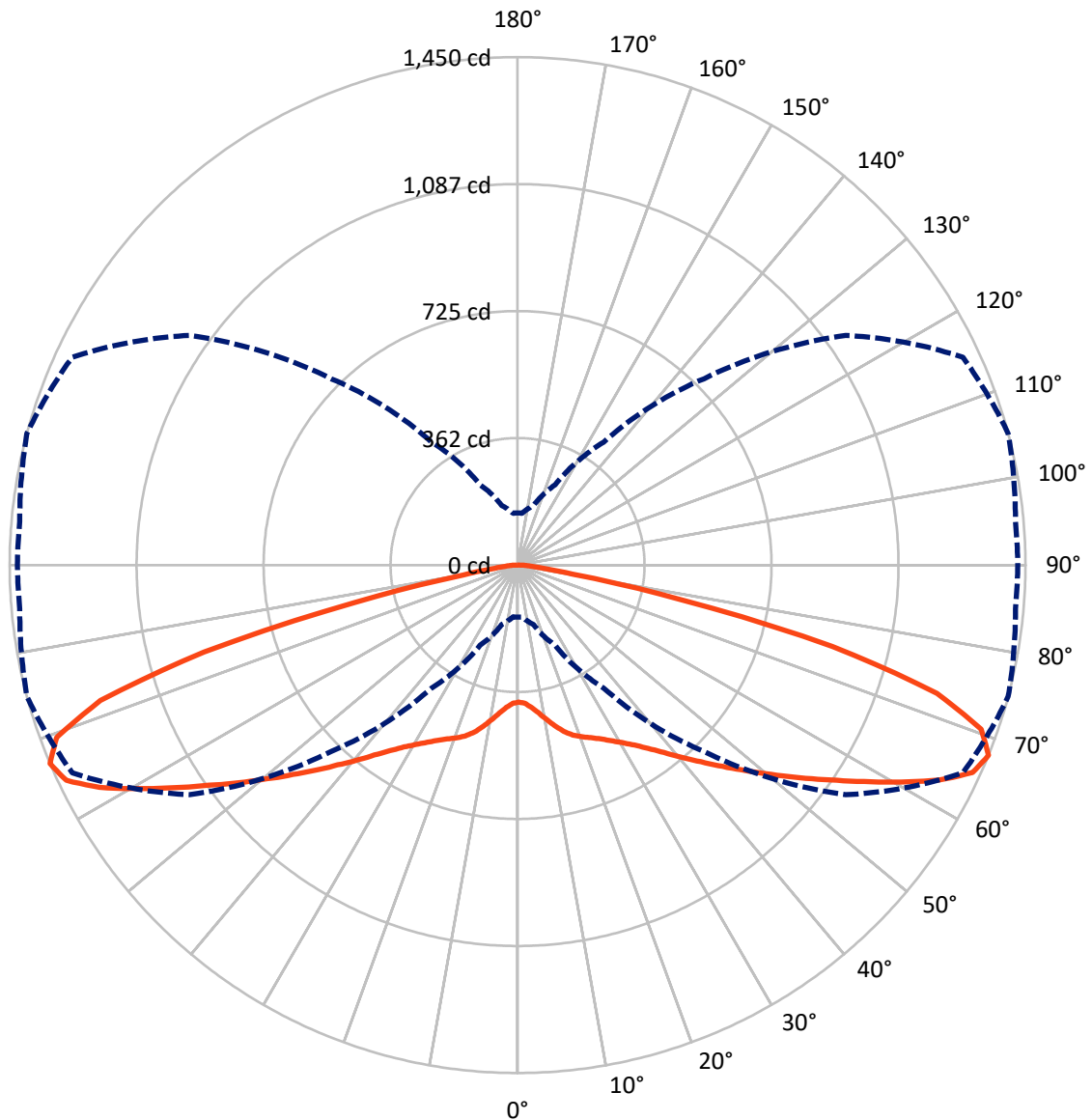
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 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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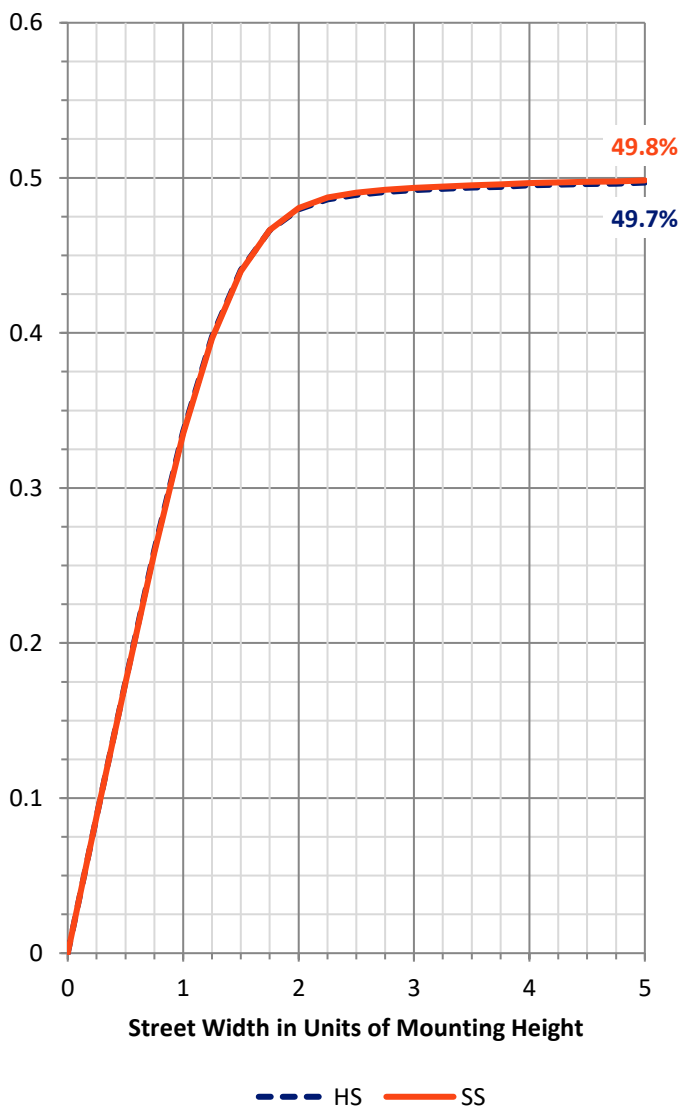
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1923.2	0.0	1923.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1923.2	0.0	1923.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	3846.3	0.0	3846.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	1.0
10°-20°	130.5	3.4
20°-30°	254.8	6.6
30°-40°	439.5	11.4
40°-50°	711.9	18.5
50°-60°	968.2	25.2
60°-70°	893.2	23.2
70°-80°	373.8	9.7
80°-90°	35.7	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°	3846.3	100.0
0°-180°	3846.3	100.0



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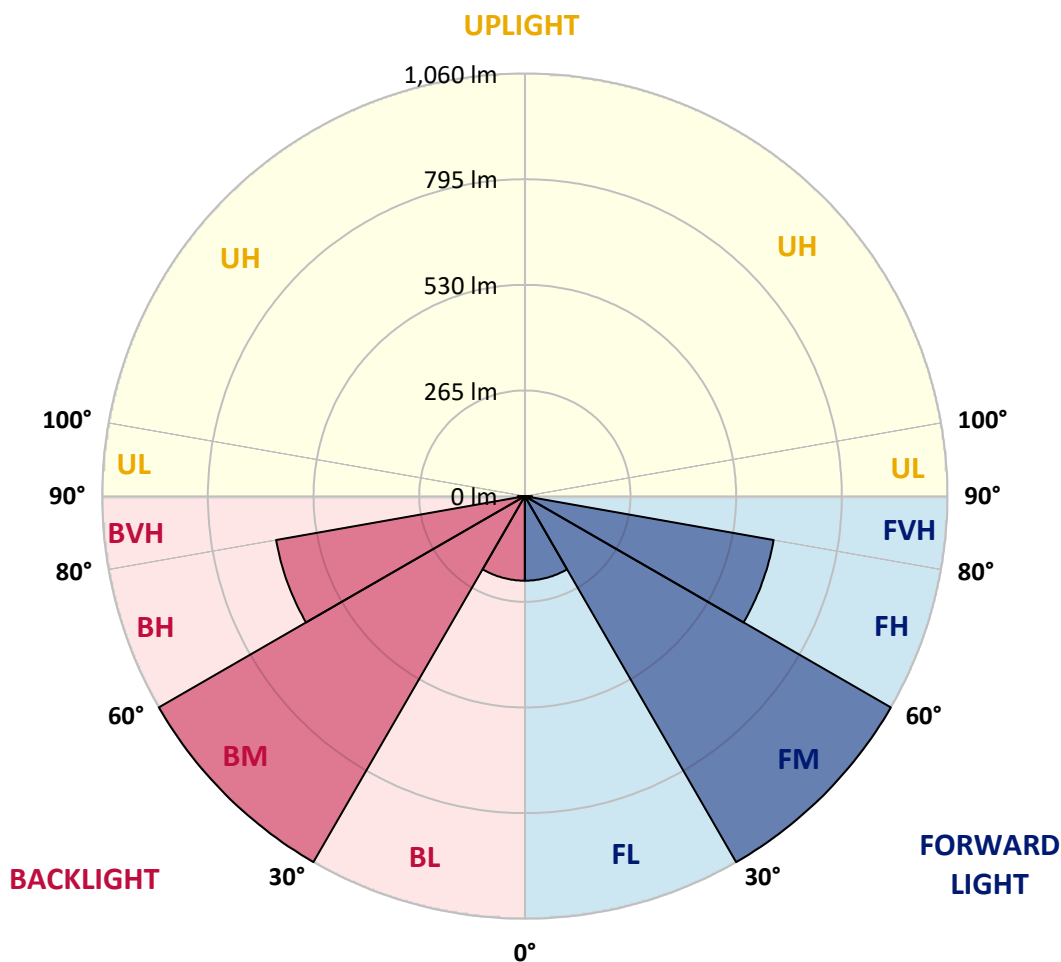
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	212.0	5.5			
FM (30°-60°)	1059.8	27.6			
FH (60°-80°)	633.5	16.5			G0/660
FVH (80°-90°)	17.8	0.5			G1/100
BL (0°-30°)	212.0	5.5	B1/500		
BM (30°-60°)	1059.8	27.6	B2/2500		
BH (60°-80°)	633.5	16.5	B2/1000		G2/1000
BVH (80°-90°)	17.8	0.5			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	391.3	391.3	391.3	391.3	391.3	391.3	391.3	391.3	391.3	391.3	391.3
2.5°	388.8	388.8	389.9	391.3	391.9	393.0	393.2	393.2	394.9	394.6	394.9
5°	387.7	387.7	389.6	392.1	394.9	398.2	401.5	403.5	407.6	408.4	408.7
7.5°	388.8	389.1	391.9	396.0	400.7	406.8	413.2	418.4	425.3	427.8	429.5
10°	393.0	393.2	396.8	402.6	409.8	418.7	427.8	436.1	447.2	452.1	453.0
12.5°	399.3	399.6	404.9	414.3	424.5	435.6	445.8	456.3	470.1	477.6	479.2
15°	409.0	408.2	416.5	430.3	444.7	458.5	467.6	477.9	492.5	502.2	504.7
17.5°	422.3	422.8	433.1	450.8	468.5	482.6	491.7	497.5	510.2	520.2	522.7
20°	438.9	441.4	454.4	474.8	495.6	510.5	516.9	516.0	523.2	531.8	533.7
22.5°	462.4	464.0	479.8	502.7	526.5	542.0	544.5	535.4	535.1	540.6	543.1
25°	490.0	491.4	508.0	534.6	559.7	576.0	573.5	557.8	549.5	549.8	551.4
27.5°	522.4	525.1	542.3	569.4	595.4	610.3	606.7	583.8	567.5	562.5	561.4
30°	564.4	567.5	584.9	610.9	633.8	647.1	641.6	612.5	588.2	579.9	578.2
32.5°	619.2	618.9	636.9	662.0	678.1	686.6	675.9	643.0	612.3	601.2	599.0
35°	675.6	678.4	696.1	720.4	732.6	733.1	716.0	678.9	642.4	623.3	619.2
37.5°	739.2	740.6	761.0	784.0	792.0	787.6	762.1	720.9	678.9	658.7	651.5
40°	804.5	805.8	829.6	851.7	860.6	850.1	816.6	767.4	722.0	699.9	695.8
42.5°	865.0	868.6	895.2	921.2	929.7	917.6	877.2	818.3	767.7	746.4	740.9
45°	915.3	919.2	949.1	982.3	997.5	987.5	941.9	875.5	820.2	797.3	787.9
47.5°	953.2	958.2	990.0	1029.8	1059.4	1057.5	1010.8	936.1	876.6	849.5	841.0
50°	979.2	984.5	1018.8	1061.6	1106.2	1121.1	1080.7	1003.0	939.4	909.0	903.2
52.5°	981.2	985.9	1025.1	1078.5	1138.0	1170.9	1149.6	1073.5	1008.5	977.0	972.9
55°	938.0	941.3	993.6	1064.7	1151.0	1209.0	1212.4	1150.4	1082.4	1050.6	1048.6
57.5°	839.0	843.7	906.2	1000.2	1129.4	1233.6	1266.8	1230.9	1165.9	1136.0	1134.4
60°	677.8	683.9	755.2	880.2	1051.4	1227.3	1313.0	1306.4	1257.2	1228.1	1227.0
62.5°	478.1	480.3	554.7	692.5	898.8	1159.8	1335.4	1379.9	1351.7	1322.4	1324.1
65°	281.0	284.0	338.5	462.4	681.7	1004.7	1296.7	1431.1	1427.5	1400.7	1403.4
67.5°	148.5	148.5	175.9	252.8	428.6	752.2	1142.7	1402.9	1449.9	1426.4	1427.8
70°	102.6	102.3	107.3	126.9	207.1	466.2	854.8	1255.2	1404.3	1395.4	1399.0
72.5°	86.8	86.3	86.6	89.3	105.4	210.7	519.1	966.8	1251.9	1265.4	1268.5
75°	76.0	75.2	74.7	74.1	75.5	95.7	236.7	596.5	928.1	1013.2	1011.6
77.5°	65.5	65.0	64.4	62.5	60.3	62.8	96.8	268.2	477.3	563.3	557.2
80°	53.9	53.9	54.8	52.0	47.8	46.2	57.8	100.1	158.5	165.4	152.1
82.5°	42.3	42.3	46.5	42.6	37.6	33.5	40.1	53.4	64.4	52.3	42.6
85°	29.9	30.1	38.7	35.4	29.0	19.4	24.9	31.8	36.2	23.0	18.0
87.5°	12.2	13.0	24.1	19.1	18.3	9.7	11.6	14.1	18.0	9.7	7.7
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)