

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: P672549

Luminaire Tested: **CCP-SA-2B-740-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672549
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-740-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5MQ
distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

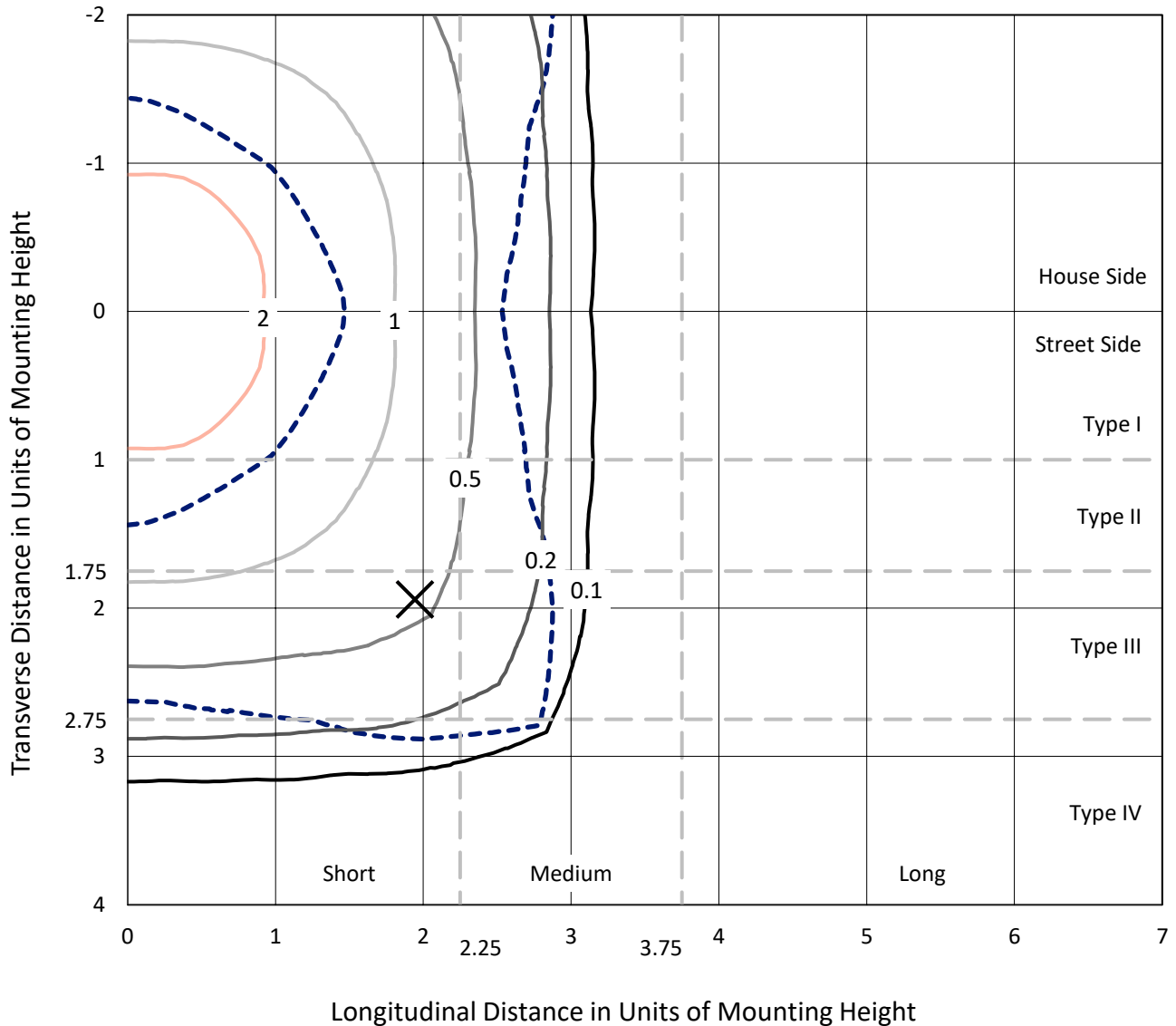
Lumens per Lamp: N/A
Luminaire Lumens: 7128.9 lumens
Efficiency: N/A
Efficacy: 155.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 46
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

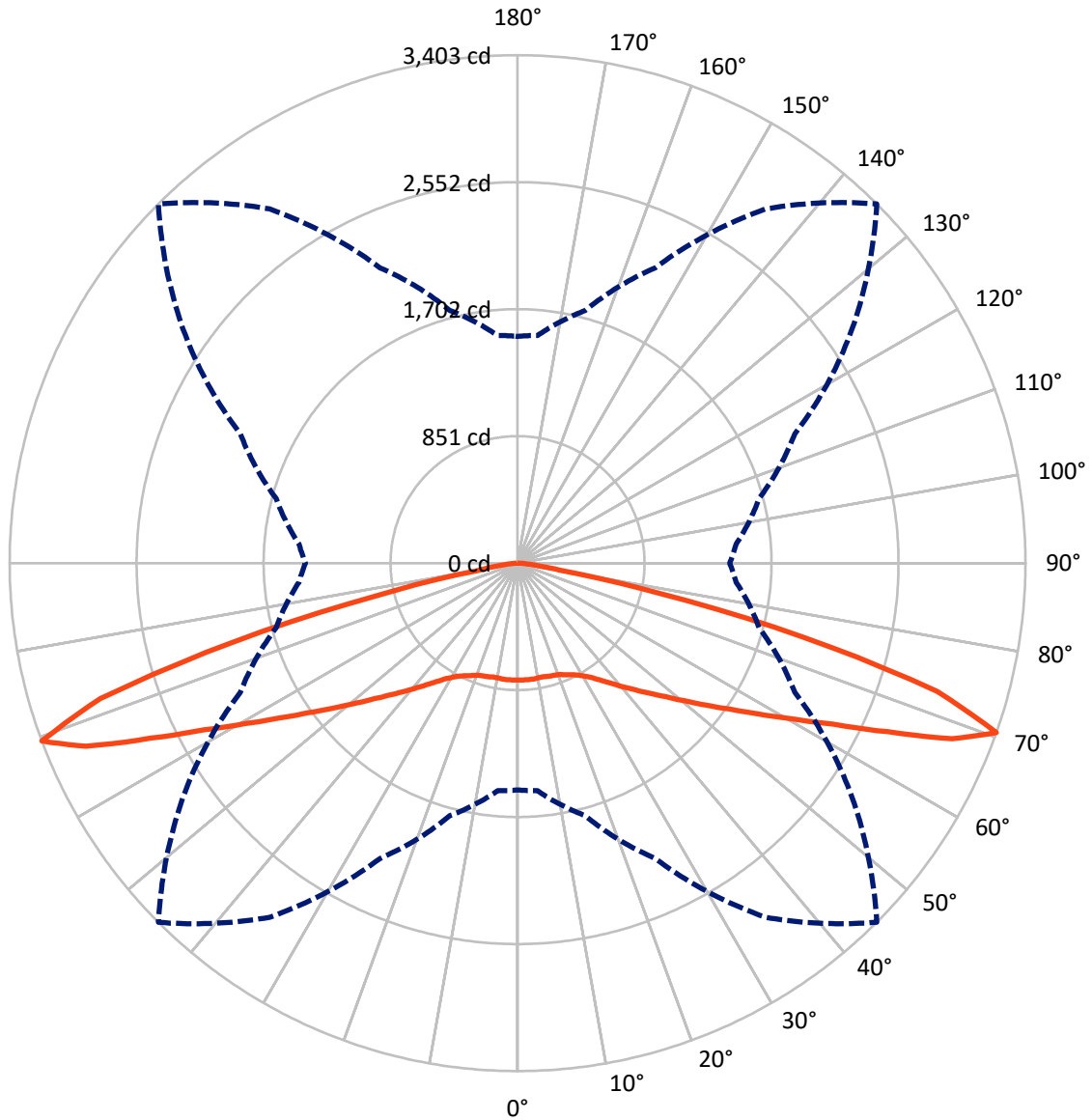
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3564.4	0.0	3564.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3564.4	0.0	3564.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	7128.9	0.0	7128.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.6	1.0
10°-20°	220.7	3.1
20°-30°	376.9	5.3
30°-40°	601.4	8.4
40°-50°	970.5	13.6
50°-60°	1554.1	21.8
60°-70°	2275.2	31.9
70°-80°	1000.6	14.0
80°-90°	54.8	0.8
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°	7128.9	100.0
0°-180°	7128.9	100.0



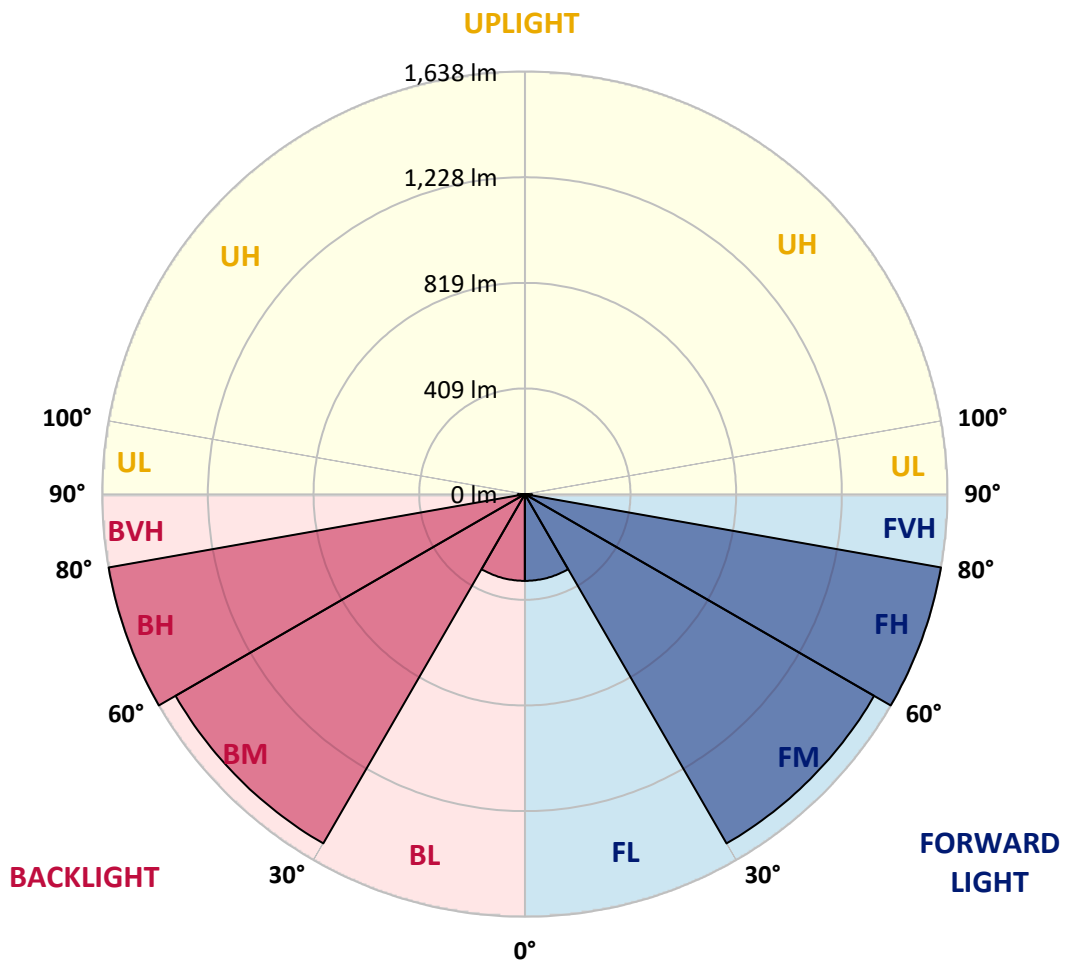
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	336.1	4.7			
FM (30°-60°)	1563.1	21.9			
FH (60°-80°)	1637.9	23.0			G1/1800
FVH (80°-90°)	27.4	0.4			G1/100
BL (0°-30°)	336.1	4.7	B1/500		
BM (30°-60°)	1563.1	21.9	B2/2500		
BH (60°-80°)	1637.9	23.0	B3/2500		G1/1800
BVH (80°-90°)	27.4	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	783.9	783.9	783.9	783.9	783.9	783.9	783.9	783.9	783.9	783.9	783.9
2.5°	782.9	782.4	783.4	783.9	782.9	783.4	780.4	780.4	781.9	780.4	782.4
5°	786.5	785.5	786.5	786.5	783.9	783.9	780.4	779.4	780.4	777.9	779.9
7.5°	787.0	785.0	786.5	786.0	783.9	783.9	778.9	776.9	777.4	774.9	776.4
10°	781.9	780.9	782.9	781.9	780.4	780.4	776.4	773.3	773.3	770.8	772.3
12.5°	778.9	777.9	780.4	780.9	779.9	780.4	775.4	771.3	769.8	766.8	767.8
15°	778.9	776.9	780.9	781.9	782.9	786.5	778.9	771.8	768.8	764.7	765.8
17.5°	778.4	777.4	781.9	785.5	786.5	790.5	781.9	774.3	770.8	764.7	765.8
20°	778.4	777.9	783.4	790.0	793.0	796.6	787.5	780.4	774.3	767.8	767.8
22.5°	780.9	780.4	788.0	797.6	806.2	812.2	801.6	790.0	781.9	773.3	772.3
25°	791.5	790.5	799.6	811.2	822.8	828.9	818.3	806.7	795.1	785.5	784.4
27.5°	813.2	812.7	821.8	836.0	844.1	848.6	839.5	829.4	817.8	806.7	806.2
30°	842.5	842.5	854.2	868.8	873.3	876.9	867.8	860.7	848.6	836.5	835.5
32.5°	877.9	879.9	893.6	909.7	912.7	914.8	905.2	900.6	887.5	874.4	872.3
35°	924.4	924.9	941.5	957.7	961.7	963.8	952.7	948.6	936.5	922.3	919.3
37.5°	983.5	982.0	997.6	1015.8	1019.8	1022.4	1013.3	1010.2	995.1	980.9	976.4
40°	1049.6	1050.6	1068.3	1085.5	1088.0	1089.0	1084.5	1079.9	1065.8	1049.6	1044.1
42.5°	1126.4	1126.4	1147.1	1167.3	1167.3	1162.3	1160.3	1159.2	1145.6	1127.4	1121.4
45°	1214.3	1215.3	1241.1	1256.2	1257.2	1243.6	1245.6	1251.7	1238.6	1215.3	1207.2
47.5°	1310.8	1312.3	1342.6	1359.3	1356.2	1338.6	1349.7	1352.7	1337.6	1307.8	1297.1
50°	1412.3	1416.9	1450.7	1480.0	1476.0	1450.2	1464.8	1465.9	1441.1	1406.8	1392.1
52.5°	1521.9	1532.5	1577.5	1608.8	1612.8	1580.5	1593.1	1592.1	1560.3	1513.3	1503.7
55°	1657.8	1663.9	1708.3	1752.8	1767.9	1728.0	1742.2	1735.1	1692.1	1638.6	1622.4
57.5°	1793.7	1802.8	1859.8	1909.9	1940.2	1906.3	1909.3	1891.2	1837.1	1772.5	1764.4
60°	1954.8	1958.8	2022.0	2087.1	2139.7	2119.5	2105.3	2067.4	2003.8	1939.1	1927.5
62.5°	2086.6	2094.7	2188.7	2284.7	2373.6	2377.1	2334.2	2277.6	2176.1	2068.0	2044.7
65°	2123.0	2136.1	2268.0	2457.4	2642.3	2724.6	2606.9	2434.2	2207.4	2044.2	2009.4
67.5°	1953.8	1979.1	2167.5	2482.2	2892.3	3139.3	2824.1	2359.9	2043.2	1852.8	1819.4
70°	1519.4	1530.5	1751.8	2183.6	2896.3	3403.0	2736.7	2049.3	1675.0	1470.4	1421.4
72.5°	807.2	812.7	1012.3	1470.4	2356.9	2939.8	2261.4	1434.0	986.0	800.1	744.0
75°	260.6	267.7	348.5	602.1	1300.2	1975.5	1333.5	596.5	339.9	274.3	259.6
77.5°	132.8	132.3	147.0	194.0	437.4	968.3	462.7	209.1	147.0	131.8	127.8
80°	82.8	81.3	92.4	106.1	153.1	282.9	166.2	117.2	92.9	79.8	79.3
82.5°	47.0	47.0	62.1	68.2	86.4	116.7	97.0	80.3	63.6	47.5	46.0
85°	26.3	23.2	38.9	42.9	49.5	57.6	59.1	52.0	42.9	26.3	27.3
87.5°	9.6	10.6	18.2	17.2	19.7	13.6	24.2	27.3	24.2	12.6	10.6
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)