

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: P672914

Luminaire Tested: **CCP-SA-2B-850-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672914
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-850-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (32) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

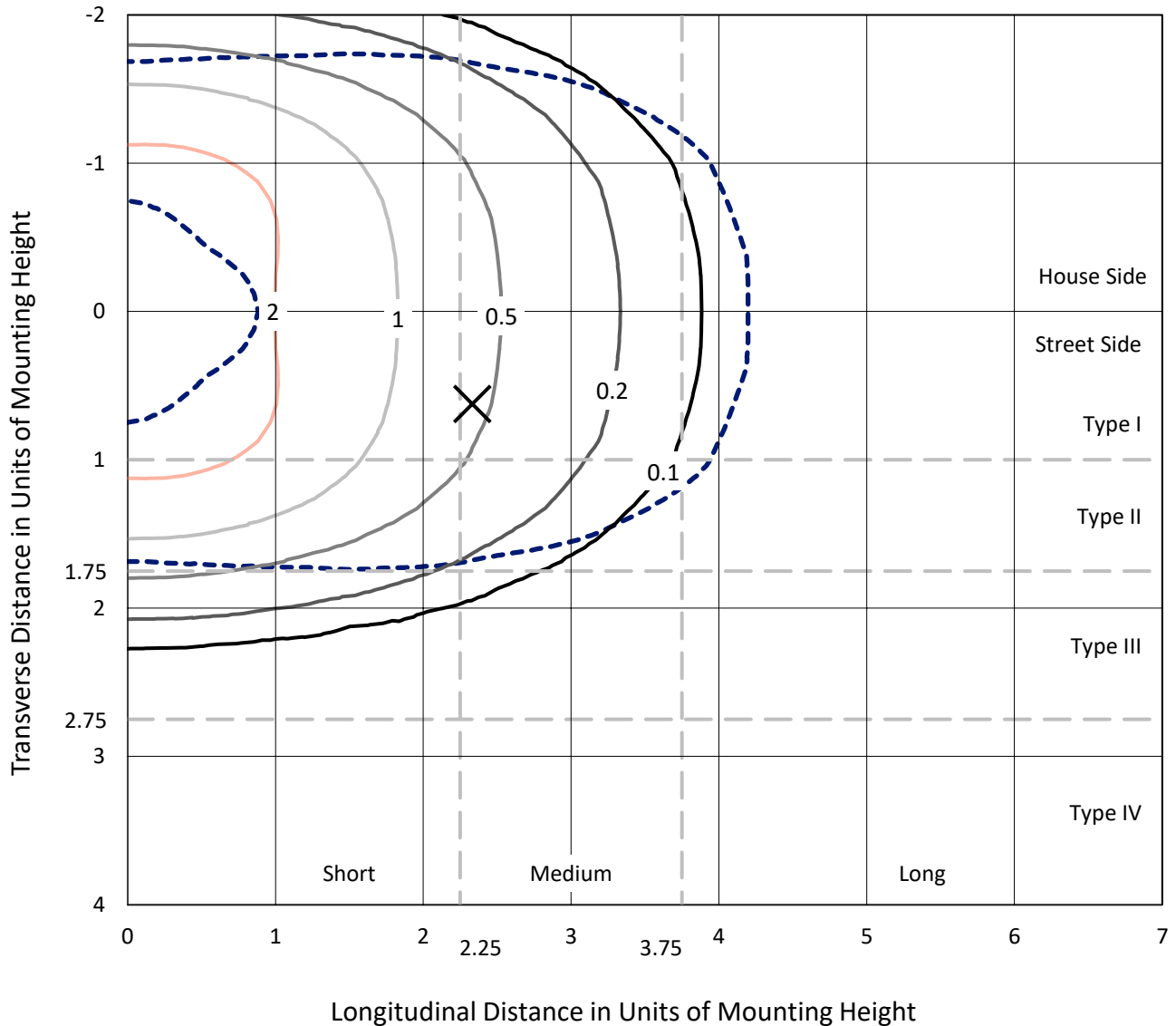
Lumens per Lamp: N/A
Luminaire Lumens: 6130.2 lumens
Efficiency: N/A
Efficacy: 133.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

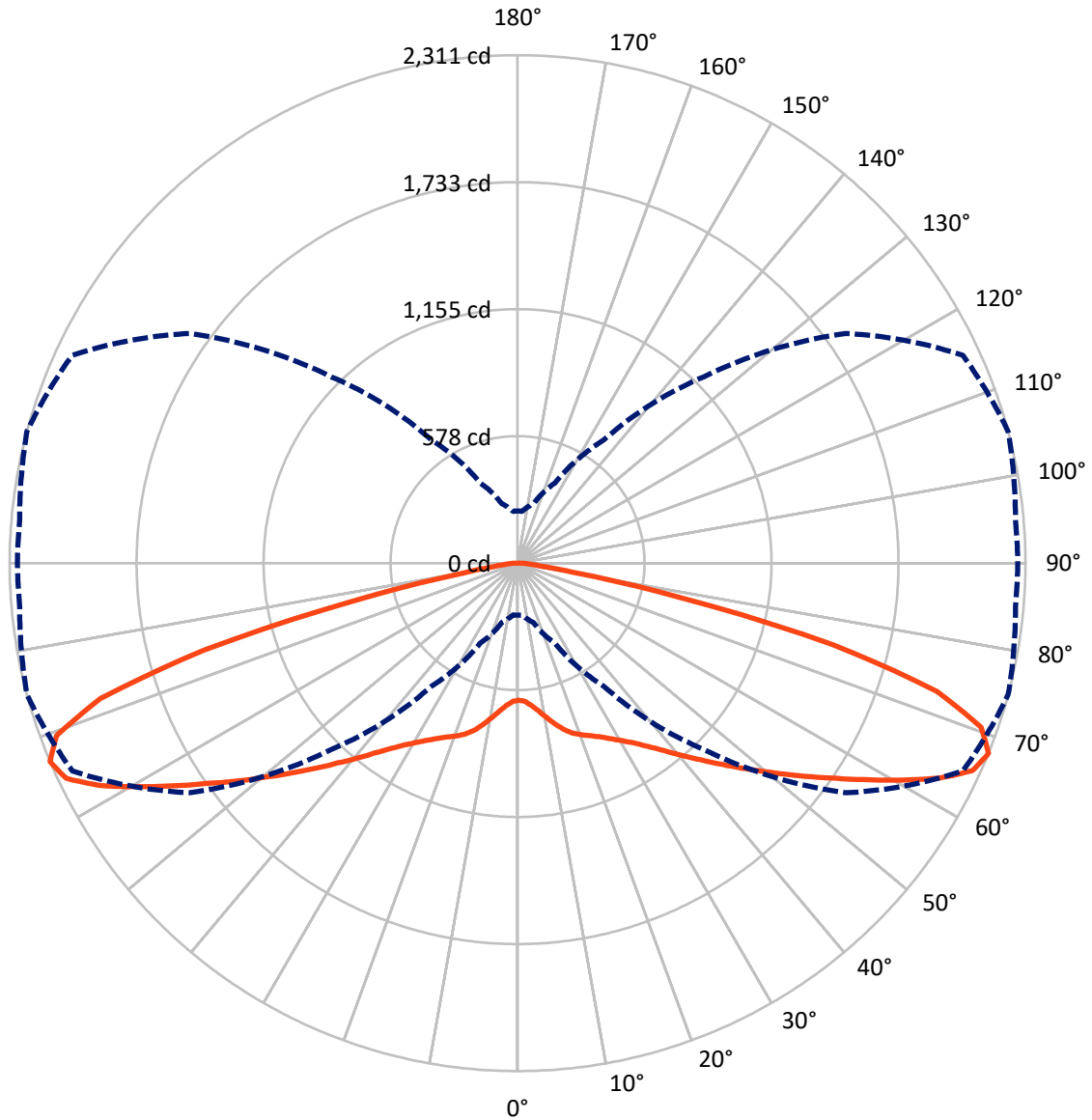
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.2 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	3065.1	0.0	3065.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3065.1	0.0	3065.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	6130.2	0.0	6130.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.7	1.0
10°-20°	207.9	3.4
20°-30°	406.0	6.6
30°-40°	700.5	11.4
40°-50°	1134.7	18.5
50°-60°	1543.2	25.2
60°-70°	1423.6	23.2
70°-80°	595.7	9.7
80°-90°	56.9	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°	6130.2	100.0
0°-180°	6130.2	100.0



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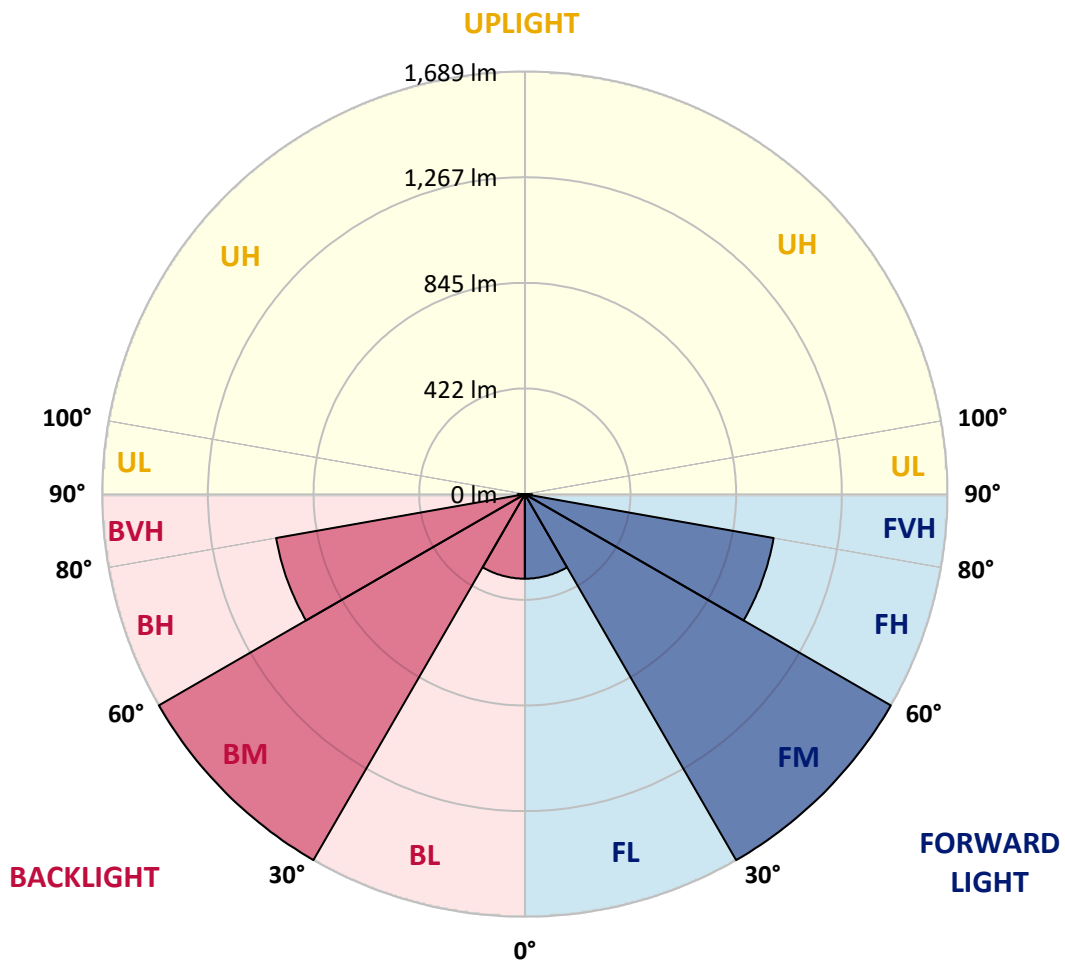
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	337.9	5.5			
FM (30°-60°)	1689.2	27.6			
FH (60°-80°)	1009.7	16.5			G1/1800
FVH (80°-90°)	28.4	0.5			G1/100
BL (0°-30°)	337.9	5.5	B1/500		
BM (30°-60°)	1689.2	27.6	B2/2500		
BH (60°-80°)	1009.7	16.5	B3/2500		G3/2500
BVH (80°-90°)	28.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	623.7	623.7	623.7	623.7	623.7	623.7	623.7	623.7	623.7	623.7	623.7
2.5°	619.7	619.7	621.5	623.7	624.5	626.3	626.7	626.7	629.4	628.9	629.4
5°	617.9	617.9	621.0	625.0	629.4	634.7	640.0	643.1	649.7	651.0	651.4
7.5°	619.7	620.1	624.5	631.2	638.6	648.3	658.5	666.9	677.9	681.8	684.5
10°	626.3	626.7	632.5	641.7	653.2	667.3	681.8	695.1	712.7	720.6	721.9
12.5°	636.4	636.9	645.3	660.2	676.5	694.2	710.5	727.2	749.3	761.2	763.8
15°	651.9	650.5	663.8	685.8	708.7	730.8	745.3	761.6	785.0	800.4	804.4
17.5°	673.0	673.9	690.2	718.4	746.6	769.1	783.7	792.9	813.2	829.0	833.0
20°	699.5	703.4	724.1	756.8	789.8	813.6	823.8	822.4	833.9	847.6	850.6
22.5°	736.9	739.6	764.7	801.3	839.2	863.9	867.8	853.3	852.8	861.7	865.6
25°	781.0	783.2	809.7	852.0	892.1	918.1	914.1	889.0	875.8	876.2	878.9
27.5°	832.6	837.0	864.3	907.5	948.9	972.7	967.0	930.4	904.4	896.5	894.7
30°	899.6	904.4	932.2	973.6	1010.2	1031.4	1022.5	976.3	937.5	924.2	921.6
32.5°	986.8	986.4	1015.0	1055.2	1080.7	1094.4	1077.2	1024.7	975.8	958.2	954.7
35°	1076.7	1081.2	1109.4	1148.1	1167.5	1168.4	1141.1	1082.0	1023.9	993.4	986.8
37.5°	1178.1	1180.3	1212.9	1249.5	1262.3	1255.3	1214.7	1149.0	1082.0	1049.9	1038.4
40°	1282.1	1284.3	1322.2	1357.5	1371.6	1354.9	1301.5	1223.1	1150.8	1115.5	1108.9
42.5°	1378.7	1384.4	1426.7	1468.1	1481.8	1462.4	1398.1	1304.2	1223.5	1189.6	1180.8
45°	1458.9	1465.0	1512.6	1565.5	1589.8	1573.9	1501.2	1395.4	1307.3	1270.7	1255.7
47.5°	1519.3	1527.2	1577.9	1641.3	1688.5	1685.4	1610.9	1491.9	1397.2	1354.0	1340.3
50°	1560.7	1569.1	1623.7	1692.0	1763.0	1786.8	1722.4	1598.6	1497.2	1448.7	1439.5
52.5°	1563.8	1571.3	1633.9	1718.9	1813.7	1866.1	1832.2	1711.0	1607.4	1557.2	1550.6
55°	1495.0	1500.3	1583.6	1696.9	1834.4	1927.0	1932.2	1833.5	1725.1	1674.4	1671.3
57.5°	1337.2	1344.7	1444.3	1594.2	1800.0	1966.2	2019.1	1961.8	1858.2	1810.6	1807.9
60°	1080.3	1090.0	1203.7	1402.9	1675.7	1956.0	2092.7	2082.1	2003.6	1957.4	1955.6
62.5°	762.1	765.6	884.1	1103.6	1432.4	1848.5	2128.4	2199.3	2154.4	2107.7	2110.3
65°	447.8	452.6	539.5	736.9	1086.4	1601.2	2066.7	2280.9	2275.1	2232.4	2236.8
67.5°	236.7	236.7	280.3	402.8	683.2	1198.8	1821.2	2235.9	2310.8	2273.4	2275.6
70°	163.5	163.1	171.0	202.3	330.1	743.1	1362.4	2000.6	2238.1	2224.0	2229.7
72.5°	138.4	137.5	138.0	142.4	167.9	335.9	827.3	1540.9	1995.3	2016.9	2021.7
75°	121.2	119.9	119.0	118.1	120.3	152.5	377.3	950.7	1479.2	1614.9	1612.3
77.5°	104.5	103.6	102.7	99.6	96.1	100.0	154.3	427.5	760.7	897.8	888.1
80°	85.9	85.9	87.3	82.9	76.2	73.6	92.1	159.6	252.5	263.6	242.4
82.5°	67.4	67.4	74.0	67.9	59.9	53.3	63.9	85.1	102.7	83.3	67.9
85°	47.6	48.0	61.7	56.4	46.3	30.9	39.7	50.7	57.7	36.6	28.6
87.5°	19.4	20.7	38.3	30.4	29.1	15.4	18.5	22.5	28.6	15.4	12.3
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)