

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: P672889

Luminaire Tested: **CCP-SA-1E-835-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672889
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-835-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

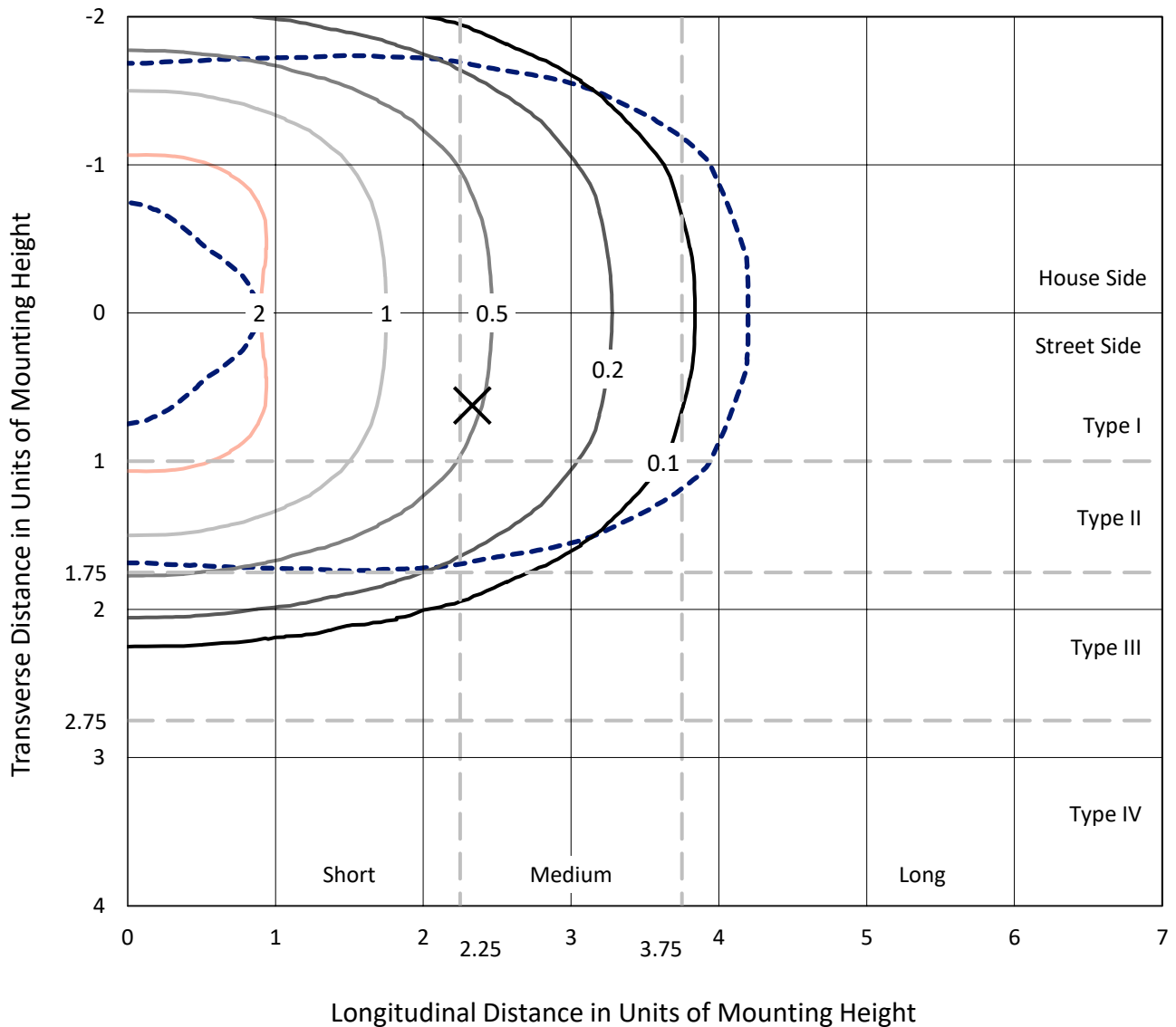
Lumens per Lamp: N/A
Luminaire Lumens: 5730.8 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 56.1
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

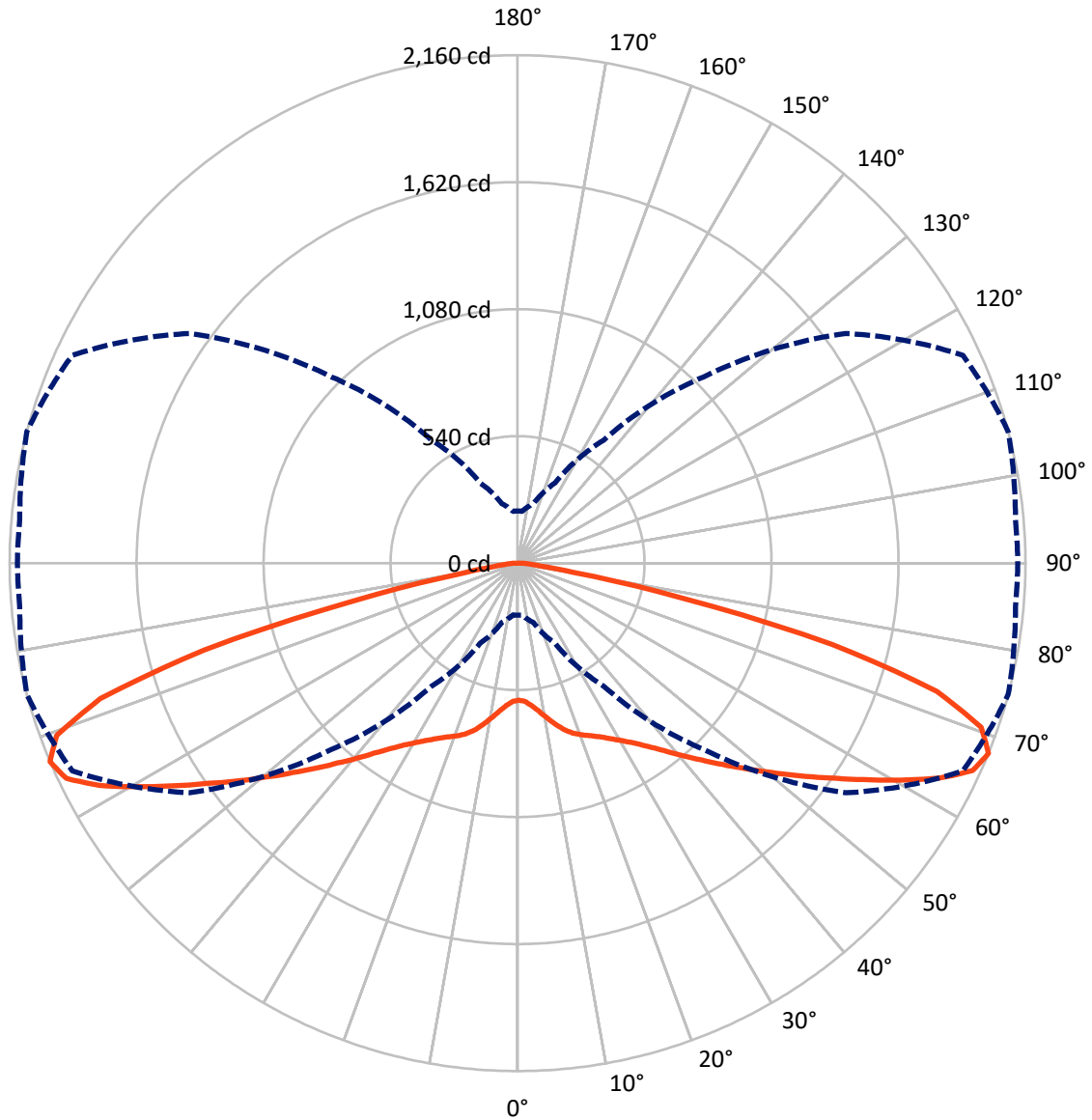
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 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	2865.4	0.0	2865.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2865.4	0.0	2865.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5730.8	0.0	5730.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.7	1.0
10°-20°	194.4	3.4
20°-30°	379.6	6.6
30°-40°	654.8	11.4
40°-50°	1060.7	18.5
50°-60°	1442.6	25.2
60°-70°	1330.9	23.2
70°-80°	556.9	9.7
80°-90°	53.2	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°	5730.8	100.0
0°-180°	5730.8	100.0



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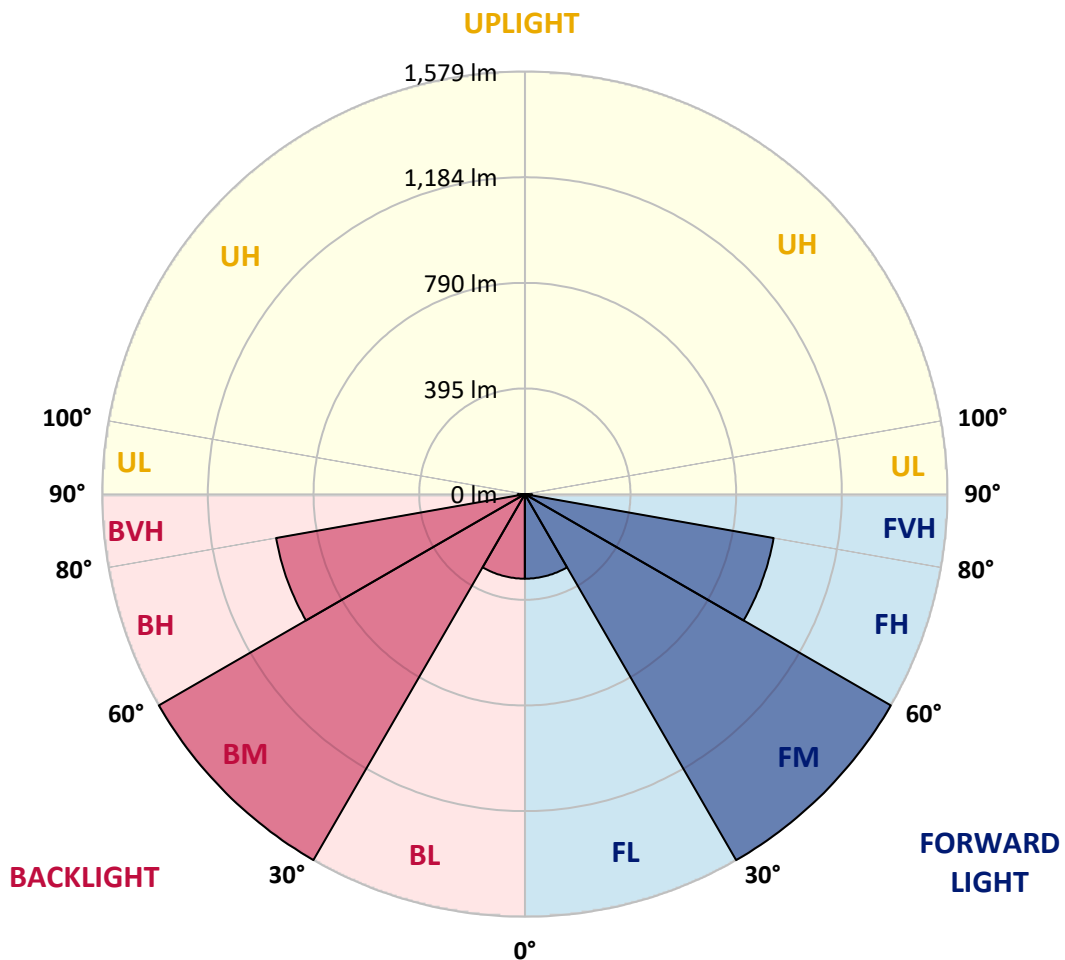
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	315.8	5.5			
FM (30°-60°)	1579.1	27.6			
FH (60°-80°)	943.9	16.5			G1/1800
FVH (80°-90°)	26.6	0.5			G1/100
BL (0°-30°)	315.8	5.5	B1/500		
BM (30°-60°)	1579.1	27.6	B2/2500		
BH (60°-80°)	943.9	16.5	B2/1000		G2/1000
BVH (80°-90°)	26.6	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°	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0
2.5°	579.3	579.3	581.0	583.0	583.8	585.5	585.9	585.9	588.4	588.0	588.4
5°	577.7	577.7	580.6	584.3	588.4	593.3	598.3	601.2	607.3	608.6	609.0
7.5°	579.3	579.7	583.8	590.0	597.0	606.1	615.6	623.4	633.7	637.4	639.9
10°	585.5	585.9	591.3	599.9	610.6	623.8	637.4	649.8	666.3	673.7	674.9
12.5°	595.0	595.4	603.2	617.2	632.5	649.0	664.2	679.9	700.5	711.6	714.1
15°	609.4	608.2	620.5	641.1	662.5	683.1	696.7	712.0	733.8	748.2	752.0
17.5°	629.2	630.0	645.2	671.6	698.0	719.0	732.6	741.2	760.2	775.0	778.7
20°	653.9	657.6	677.0	707.5	738.4	760.6	770.1	768.9	779.6	792.3	795.2
22.5°	688.9	691.4	714.9	749.1	784.5	807.6	811.3	797.7	797.3	805.5	809.2
25°	730.1	732.2	756.9	796.5	834.0	858.3	854.6	831.1	818.7	819.1	821.6
27.5°	778.3	782.4	808.0	848.4	887.1	909.4	904.0	869.8	845.5	838.1	836.4
30°	841.0	845.5	871.4	910.2	944.4	964.2	955.9	912.7	876.4	864.0	861.6
32.5°	922.5	922.1	948.9	986.4	1010.3	1023.1	1007.0	958.0	912.2	895.8	892.5
35°	1006.6	1010.7	1037.1	1073.3	1091.5	1092.3	1066.8	1011.5	957.1	928.7	922.5
37.5°	1101.4	1103.4	1133.9	1168.1	1180.1	1173.5	1135.6	1074.2	1011.5	981.5	970.7
40°	1198.6	1200.7	1236.1	1269.1	1282.2	1266.6	1216.7	1143.4	1075.8	1042.9	1036.7
42.5°	1288.8	1294.2	1333.7	1372.5	1385.3	1367.1	1307.0	1219.2	1143.8	1112.1	1103.8
45°	1363.8	1369.6	1414.1	1463.5	1486.2	1471.4	1403.4	1304.5	1222.1	1187.9	1173.9
47.5°	1420.3	1427.7	1475.1	1534.4	1578.5	1575.6	1506.0	1394.7	1306.1	1265.8	1253.0
50°	1459.0	1466.8	1517.9	1581.8	1648.1	1670.4	1610.2	1494.4	1399.7	1354.3	1345.7
52.5°	1461.9	1468.9	1527.4	1606.9	1695.5	1744.5	1712.8	1599.5	1502.7	1455.7	1449.5
55°	1397.6	1402.6	1480.4	1586.3	1714.9	1801.4	1806.3	1714.1	1612.7	1565.3	1562.4
57.5°	1250.1	1257.1	1350.2	1490.3	1682.7	1838.1	1887.5	1834.0	1737.1	1692.6	1690.2
60°	1009.9	1019.0	1125.3	1311.5	1566.5	1828.6	1956.3	1946.4	1873.1	1829.8	1828.2
62.5°	712.4	715.7	826.5	1031.7	1339.1	1728.1	1989.7	2056.0	2014.0	1970.3	1972.8
65°	418.6	423.2	504.3	688.9	1015.7	1496.9	1932.0	2132.3	2126.9	2086.9	2091.1
67.5°	221.3	221.3	262.1	376.6	638.6	1120.7	1702.5	2090.2	2160.3	2125.3	2127.3
70°	152.9	152.5	159.9	189.1	308.6	694.7	1273.6	1870.2	2092.3	2079.1	2084.5
72.5°	129.4	128.6	129.0	133.1	157.0	314.0	773.4	1440.5	1865.3	1885.5	1890.0
75°	113.3	112.1	111.2	110.4	112.5	142.6	352.7	888.8	1382.8	1509.7	1507.2
77.5°	97.7	96.8	96.0	93.1	89.8	93.5	144.2	399.7	711.2	839.3	830.2
80°	80.3	80.3	81.6	77.5	71.3	68.8	86.1	149.2	236.1	246.4	226.6
82.5°	63.0	63.0	69.2	63.5	56.0	49.9	59.7	79.5	96.0	77.9	63.5
85°	44.5	44.9	57.7	52.7	43.3	28.8	37.1	47.4	54.0	34.2	26.8
87.5°	18.1	19.4	35.8	28.4	27.2	14.4	17.3	21.0	26.8	14.4	11.5
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)