

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: P672826

Luminaire Tested: **CCP-SA-2B-735-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672826
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

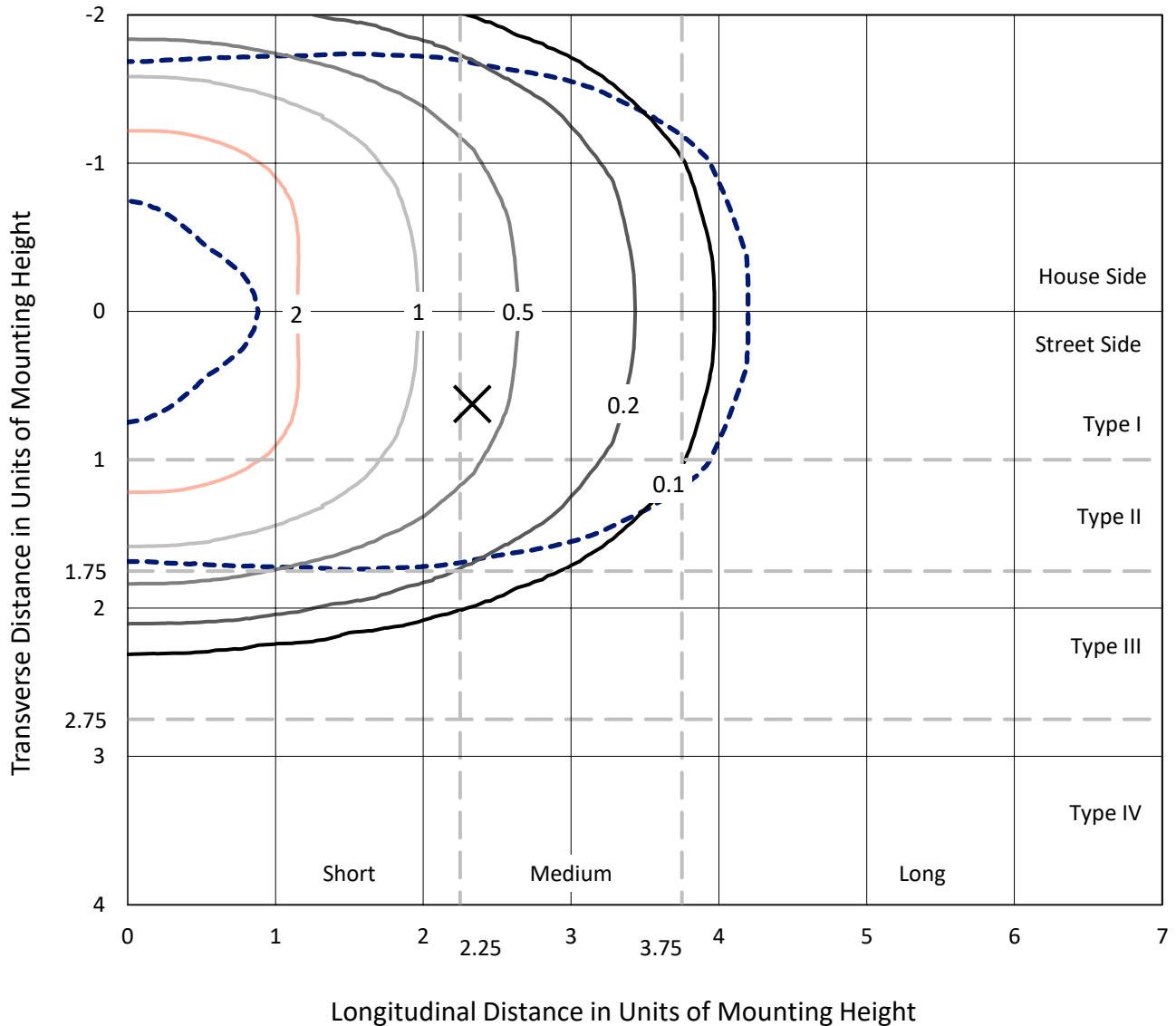
Lumens per Lamp: N/A
Luminaire Lumens: 6929 lumens
Efficiency: N/A
Efficacy: 150.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

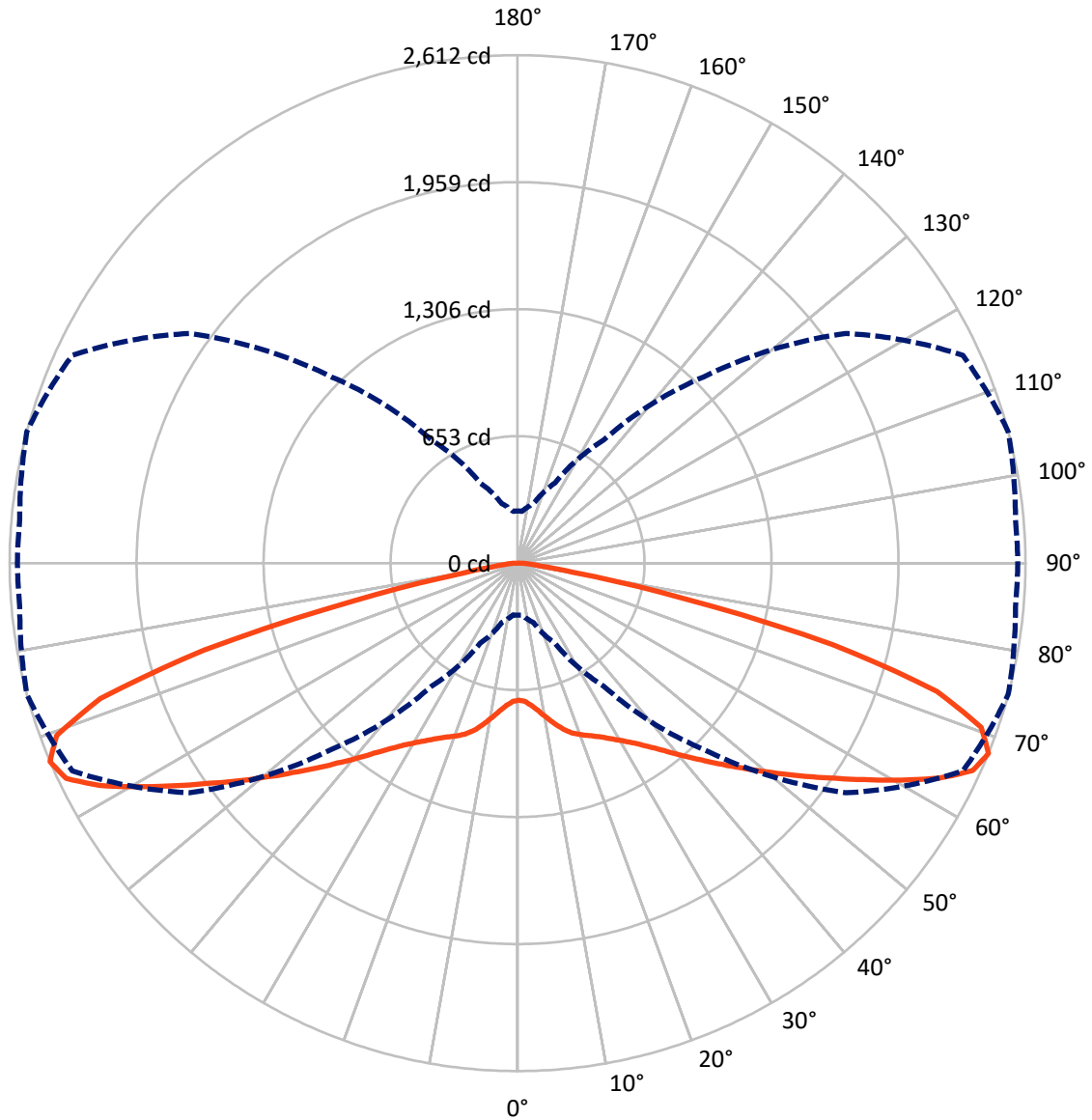
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.6 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	3464.5	0.0	3464.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3464.5	0.0	3464.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6929.0	0.0	6929.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.8	1.0
10°-20°	235.0	3.4
20°-30°	458.9	6.6
30°-40°	791.8	11.4
40°-50°	1282.5	18.5
50°-60°	1744.2	25.2
60°-70°	1609.1	23.2
70°-80°	673.3	9.7
80°-90°	64.3	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°	6929.0	100.0
0°-180°	6929.0	100.0



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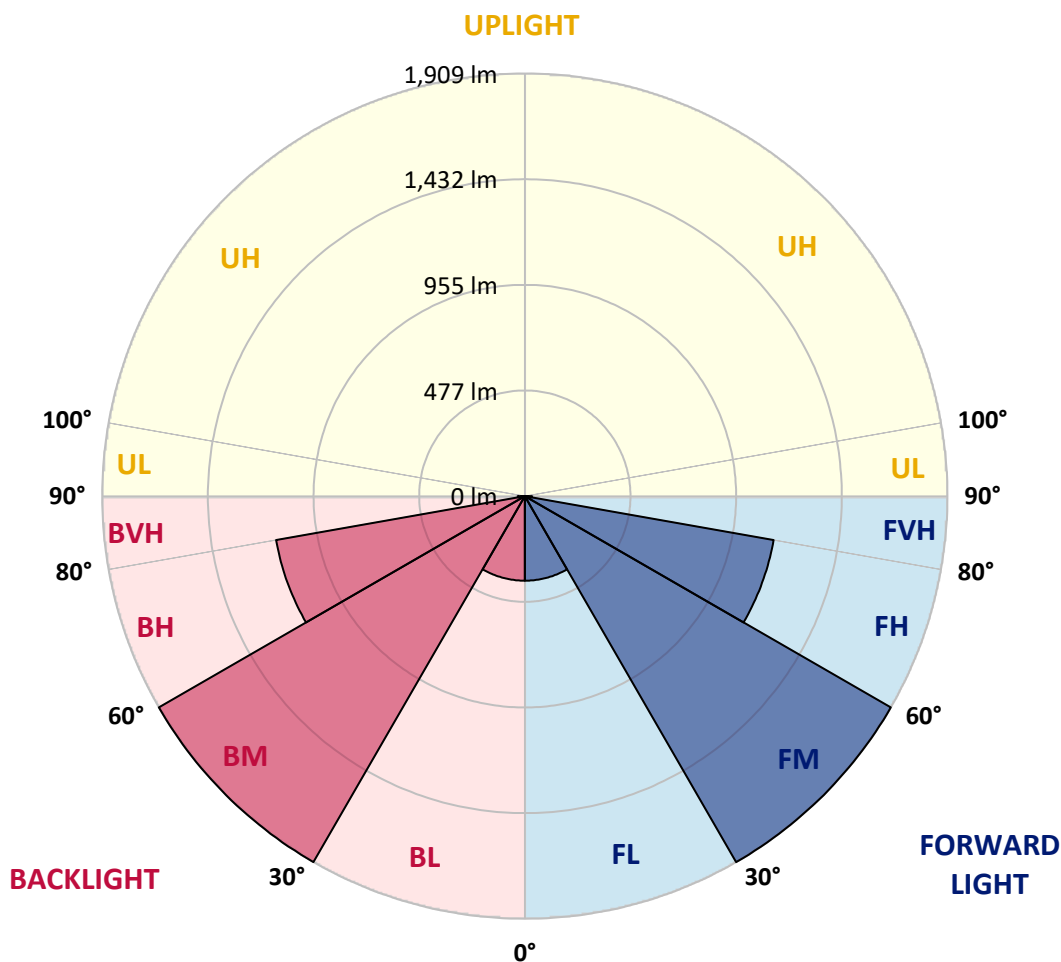
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	381.9	5.5			
FM	(30°-60°)	1909.3	27.6			
FH	(60°-80°)	1141.2	16.5			G1/1800
FVH	(80°-90°)	32.1	0.5			G1/100
BL	(0°-30°)	381.9	5.5	B1/500		
BM	(30°-60°)	1909.3	27.6	B2/2500		
BH	(60°-80°)	1141.2	16.5	B3/2500		G3/2500
BVH	(80°-90°)	32.1	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°	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9
2.5°	700.4	700.4	702.4	704.9	705.9	707.9	708.4	708.4	711.4	710.9	711.4
5°	698.4	698.4	701.9	706.4	711.4	717.4	723.4	726.8	734.3	735.8	736.3
7.5°	700.4	700.9	705.9	713.4	721.9	732.8	744.3	753.7	766.2	770.7	773.7
10°	707.9	708.4	714.9	725.3	738.3	754.2	770.7	785.6	805.6	814.5	816.0
12.5°	719.4	719.9	729.3	746.3	764.7	784.6	803.1	822.0	846.9	860.4	863.3
15°	736.8	735.3	750.3	775.2	801.1	826.0	842.4	860.9	887.3	904.7	909.2
17.5°	760.7	761.7	780.1	812.0	843.9	869.3	885.8	896.2	919.1	937.1	941.6
20°	790.6	795.1	818.5	855.4	892.7	919.6	931.1	929.6	942.6	958.0	961.5
22.5°	833.0	835.9	864.3	905.7	948.5	976.4	980.9	964.5	964.0	973.9	978.4
25°	882.8	885.3	915.2	963.0	1008.3	1037.7	1033.2	1004.8	989.9	990.4	993.4
27.5°	941.1	946.0	976.9	1025.7	1072.6	1099.5	1093.0	1051.7	1022.3	1013.3	1011.3
30°	1016.8	1022.3	1053.6	1100.5	1141.8	1165.7	1155.8	1103.5	1059.6	1044.7	1041.7
32.5°	1115.4	1114.9	1147.3	1192.6	1221.5	1237.0	1217.5	1158.3	1103.0	1083.0	1079.1
35°	1217.0	1222.0	1253.9	1297.8	1319.7	1320.7	1289.8	1223.0	1157.3	1122.9	1115.4
37.5°	1331.6	1334.1	1371.0	1412.3	1426.8	1418.8	1373.0	1298.7	1223.0	1186.7	1173.7
40°	1449.2	1451.7	1494.5	1534.4	1550.3	1531.4	1471.1	1382.4	1300.7	1260.9	1253.4
42.5°	1558.3	1564.8	1612.6	1659.4	1674.9	1653.0	1580.2	1474.1	1382.9	1344.6	1334.6
45°	1649.0	1655.9	1709.7	1769.5	1796.9	1779.0	1696.8	1577.2	1477.6	1436.2	1419.3
47.5°	1717.2	1726.2	1783.5	1855.2	1908.5	1905.0	1820.8	1686.3	1579.2	1530.4	1515.0
50°	1764.0	1773.5	1835.3	1912.5	1992.7	2019.6	1946.9	1806.9	1692.3	1637.5	1627.0
52.5°	1767.5	1776.0	1846.7	1942.9	2050.0	2109.3	2070.9	1933.9	1816.9	1760.1	1752.6
55°	1689.8	1695.8	1790.0	1918.0	2073.4	2178.0	2184.0	2072.4	1949.9	1892.6	1889.1
57.5°	1511.5	1519.9	1632.5	1801.9	2034.6	2222.4	2282.2	2217.4	2100.3	2046.5	2043.5
60°	1221.0	1232.0	1360.5	1585.7	1894.1	2210.9	2365.3	2353.4	2264.7	2212.4	2210.4
62.5°	861.3	865.3	999.3	1247.4	1619.1	2089.4	2405.7	2485.9	2435.1	2382.3	2385.3
65°	506.1	511.6	609.8	833.0	1228.0	1809.9	2336.0	2578.1	2571.6	2523.3	2528.3
67.5°	267.5	267.5	316.8	455.3	772.2	1355.0	2058.5	2527.3	2611.9	2569.6	2572.1
70°	184.8	184.3	193.3	228.7	373.1	839.9	1539.9	2261.2	2529.7	2513.8	2520.3
72.5°	156.4	155.4	155.9	160.9	189.8	379.6	935.1	1741.6	2255.3	2279.7	2285.1
75°	137.0	135.5	134.5	133.5	136.0	172.4	426.4	1074.6	1671.9	1825.3	1822.3
77.5°	118.1	117.1	116.1	112.6	108.6	113.1	174.4	483.2	859.9	1014.8	1003.8
80°	97.1	97.1	98.6	93.7	86.2	83.2	104.1	180.3	285.5	297.9	274.0
82.5°	76.2	76.2	83.7	76.7	67.8	60.3	72.2	96.1	116.1	94.2	76.7
85°	53.8	54.3	69.7	63.8	52.3	34.9	44.8	57.3	65.3	41.3	32.4
87.5°	21.9	23.4	43.3	34.4	32.9	17.4	20.9	25.4	32.4	17.4	13.9
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)