

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: P672804

Luminaire Tested: **CCP-SA-2B-727-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672804
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-727-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

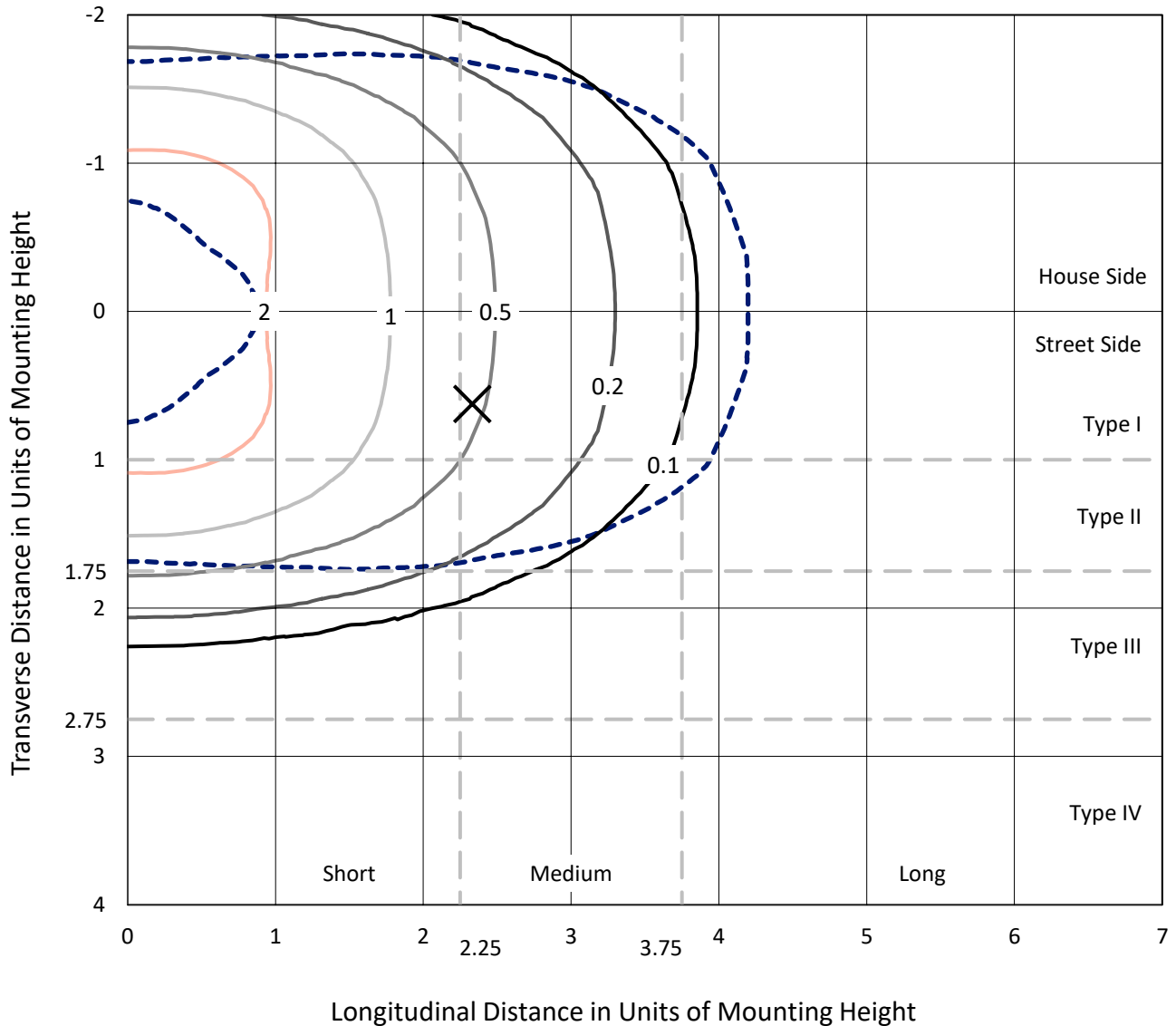
Lumens per Lamp: N/A
Luminaire Lumens: 5875.2 lumens
Efficiency: N/A
Efficacy: 127.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

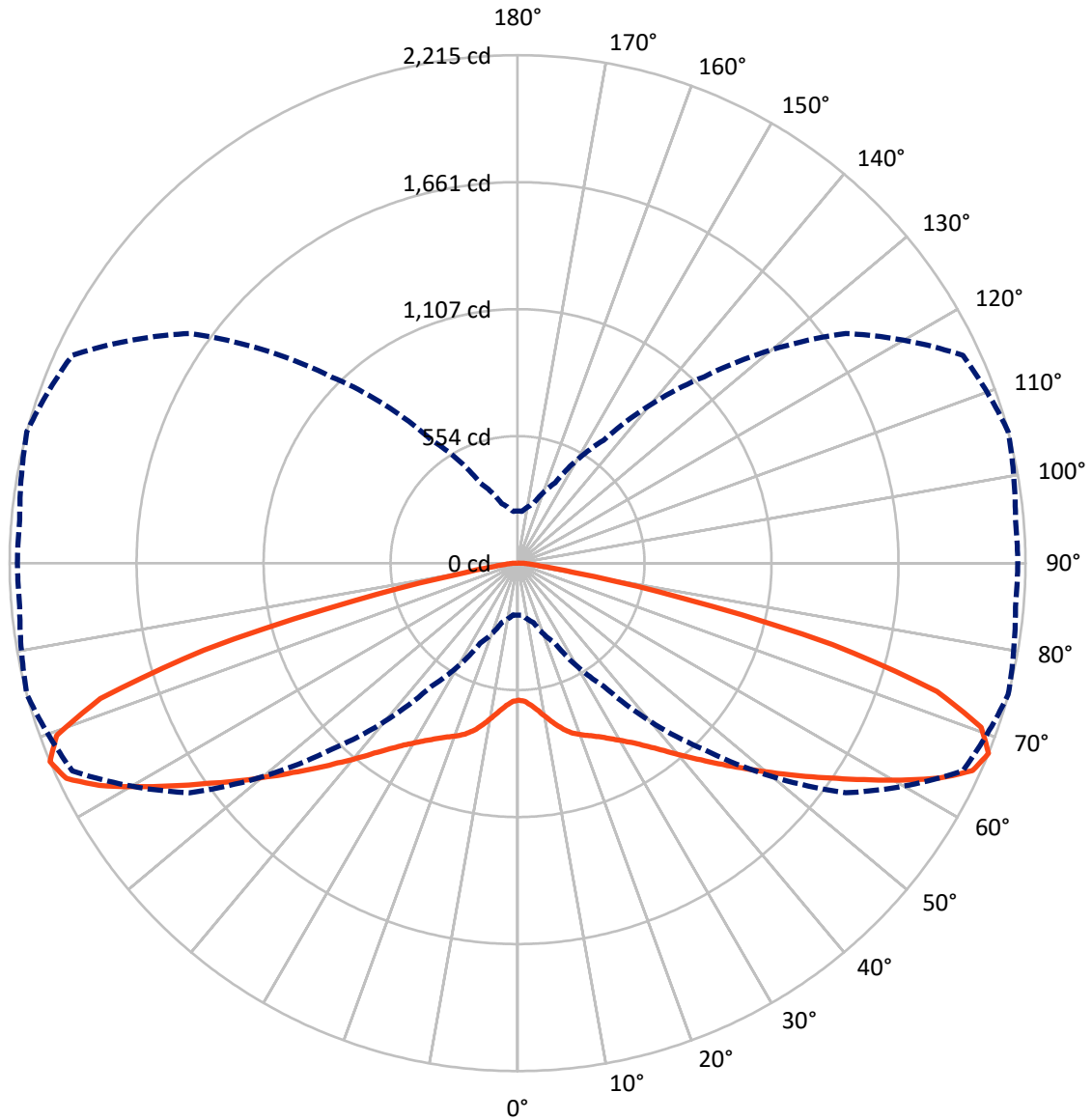
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.1 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	2937.6	0.0	2937.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2937.6	0.0	2937.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	5875.2	0.0	5875.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.2	1.0
10°-20°	199.3	3.4
20°-30°	389.1	6.6
30°-40°	671.3	11.4
40°-50°	1087.5	18.5
50°-60°	1479.0	25.2
60°-70°	1364.4	23.2
70°-80°	570.9	9.7
80°-90°	54.5	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°	5875.2	100.0
0°-180°	5875.2	100.0



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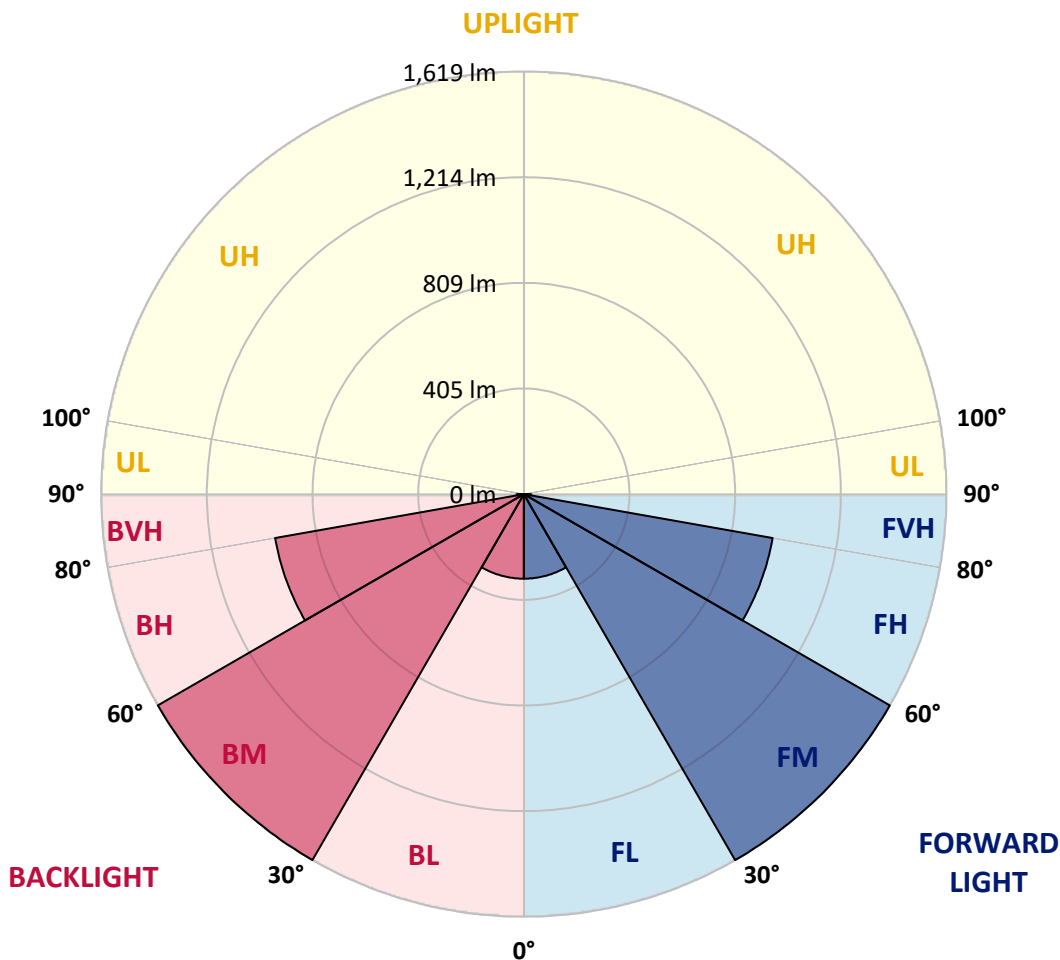
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	323.8	5.5			
FM (30°-60°)	1618.9	27.6			
FH (60°-80°)	967.7	16.5			G1/1800
FVH (80°-90°)	27.3	0.5			G1/100
BL (0°-30°)	323.8	5.5	B1/500		
BM (30°-60°)	1618.9	27.6	B2/2500		
BH (60°-80°)	967.7	16.5	B2/1000		G2/1000
BVH (80°-90°)	27.3	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°	597.7	597.7	597.7	597.7	597.7	597.7	597.7	597.7	597.7	597.7	597.7
2.5°	593.9	593.9	595.6	597.7	598.6	600.2	600.7	600.7	603.2	602.8	603.2
5°	592.2	592.2	595.2	599.0	603.2	608.3	613.3	616.3	622.6	623.9	624.3
7.5°	593.9	594.3	598.6	604.9	612.1	621.4	631.1	639.1	649.7	653.5	656.0
10°	600.2	600.7	606.2	615.0	626.0	639.5	653.5	666.1	683.0	690.6	691.9
12.5°	610.0	610.4	618.4	632.8	648.4	665.3	680.9	697.0	718.1	729.5	732.0
15°	624.7	623.5	636.2	657.3	679.2	700.4	714.3	729.9	752.3	767.1	770.9
17.5°	645.0	645.9	661.5	688.5	715.6	737.1	751.1	759.9	779.4	794.6	798.4
20°	670.4	674.2	694.0	725.3	757.0	779.8	789.5	788.2	799.2	812.3	815.3
22.5°	706.3	708.8	732.9	767.9	804.3	827.9	831.7	817.8	817.4	825.8	829.6
25°	748.5	750.6	776.0	816.5	855.0	879.9	876.1	852.0	839.3	839.8	842.3
27.5°	797.9	802.2	828.4	869.7	909.5	932.3	926.8	891.7	866.8	859.2	857.5
30°	862.1	866.8	893.4	933.1	968.2	988.4	980.0	935.6	898.5	885.8	883.3
32.5°	945.8	945.4	972.8	1011.3	1035.8	1048.9	1032.4	982.1	935.2	918.3	914.9
35°	1032.0	1036.2	1063.2	1100.4	1119.0	1119.8	1093.6	1037.0	981.3	952.1	945.8
37.5°	1129.1	1131.2	1162.5	1197.5	1209.8	1203.0	1164.2	1101.2	1037.0	1006.2	995.2
40°	1228.8	1230.9	1267.2	1301.0	1314.5	1298.5	1247.4	1172.2	1102.9	1069.1	1062.8
42.5°	1321.3	1326.8	1367.4	1407.1	1420.2	1401.6	1339.9	1249.9	1172.6	1140.1	1131.6
45°	1398.2	1404.1	1449.7	1500.4	1523.6	1508.4	1438.7	1337.4	1252.9	1217.8	1203.5
47.5°	1456.1	1463.7	1512.2	1573.1	1618.3	1615.3	1543.9	1429.9	1339.0	1297.7	1284.6
50°	1495.8	1503.8	1556.2	1621.6	1689.7	1712.5	1650.8	1532.1	1434.9	1388.5	1379.6
52.5°	1498.7	1505.9	1565.9	1647.4	1738.2	1788.5	1756.0	1639.8	1540.5	1492.4	1486.0
55°	1432.8	1437.9	1517.7	1626.3	1758.1	1846.8	1851.9	1757.2	1653.3	1604.7	1601.8
57.5°	1281.6	1288.8	1384.2	1527.9	1725.1	1884.4	1935.1	1880.2	1780.9	1735.3	1732.7
60°	1035.3	1044.6	1153.6	1344.5	1606.0	1874.7	2005.6	1995.5	1920.3	1875.9	1874.2
62.5°	730.4	733.7	847.4	1057.7	1372.8	1771.6	2039.8	2107.8	2064.8	2020.0	2022.5
65°	429.2	433.8	517.0	706.3	1041.2	1534.6	1980.7	2186.0	2180.5	2139.5	2143.7
67.5°	226.8	226.8	268.7	386.1	654.7	1149.0	1745.4	2142.9	2214.7	2178.8	2180.9
70°	156.7	156.3	163.9	193.9	316.4	712.2	1305.7	1917.3	2145.0	2131.5	2137.0
72.5°	132.6	131.8	132.2	136.4	160.9	321.9	792.9	1476.8	1912.3	1933.0	1937.6
75°	116.2	114.9	114.1	113.2	115.3	146.2	361.6	911.1	1417.6	1547.7	1545.2
77.5°	100.1	99.3	98.4	95.5	92.1	95.9	147.8	409.7	729.1	860.5	851.2
80°	82.4	82.4	83.6	79.4	73.1	70.5	88.3	152.9	242.0	252.6	232.3
82.5°	64.6	64.6	71.0	65.1	57.4	51.1	61.2	81.5	98.4	79.8	65.1
85°	45.6	46.0	59.1	54.1	44.4	29.6	38.0	48.6	55.3	35.1	27.5
87.5°	18.6	19.9	36.7	29.1	27.9	14.8	17.7	21.5	27.5	14.8	11.8
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)