

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: P672527

Luminaire Tested: **CCP-SA-2B-730-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672527
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5MQ distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

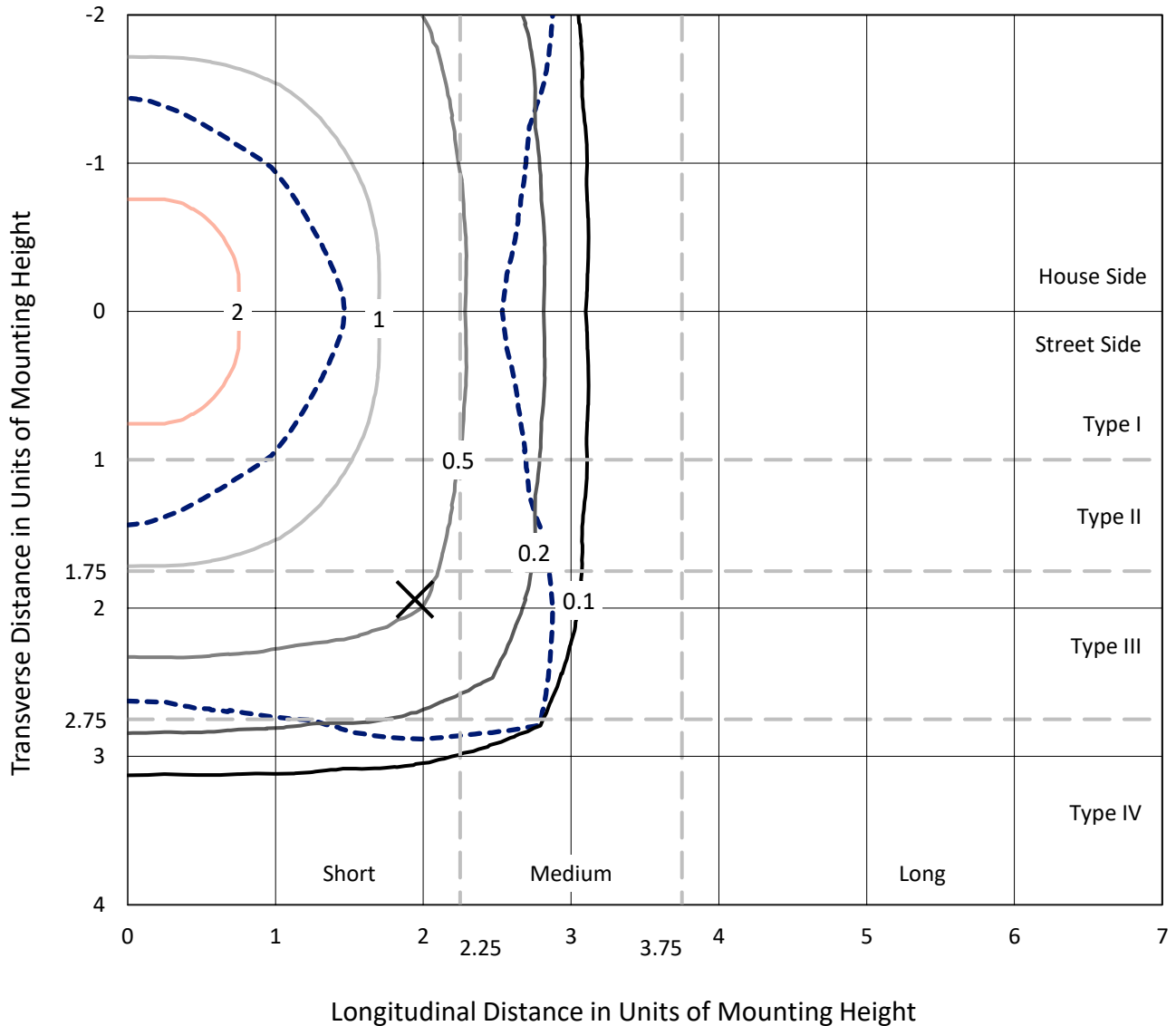
Lumens per Lamp: N/A
Luminaire Lumens: 6491.6 lumens
Efficiency: N/A
Efficacy: 141.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

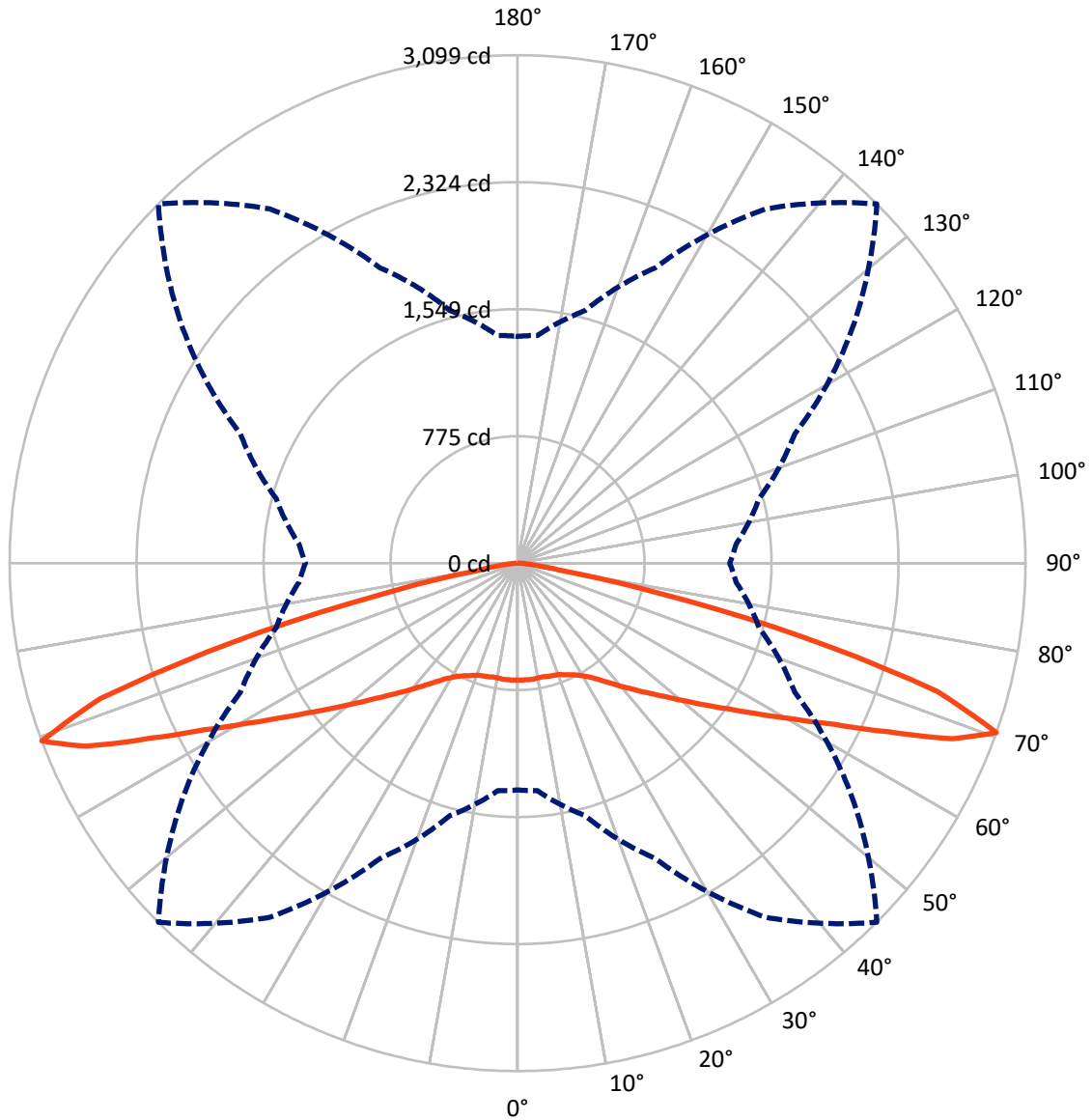
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.2 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	3245.8	0.0	3245.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3245.8	0.0	3245.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	6491.6	0.0	6491.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	1.0
10°-20°	201.0	3.1
20°-30°	343.2	5.3
30°-40°	547.7	8.4
40°-50°	883.8	13.6
50°-60°	1415.2	21.8
60°-70°	2071.8	31.9
70°-80°	911.1	14.0
80°-90°	49.9	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°	6491.6	100.0
0°-180°	6491.6	100.0



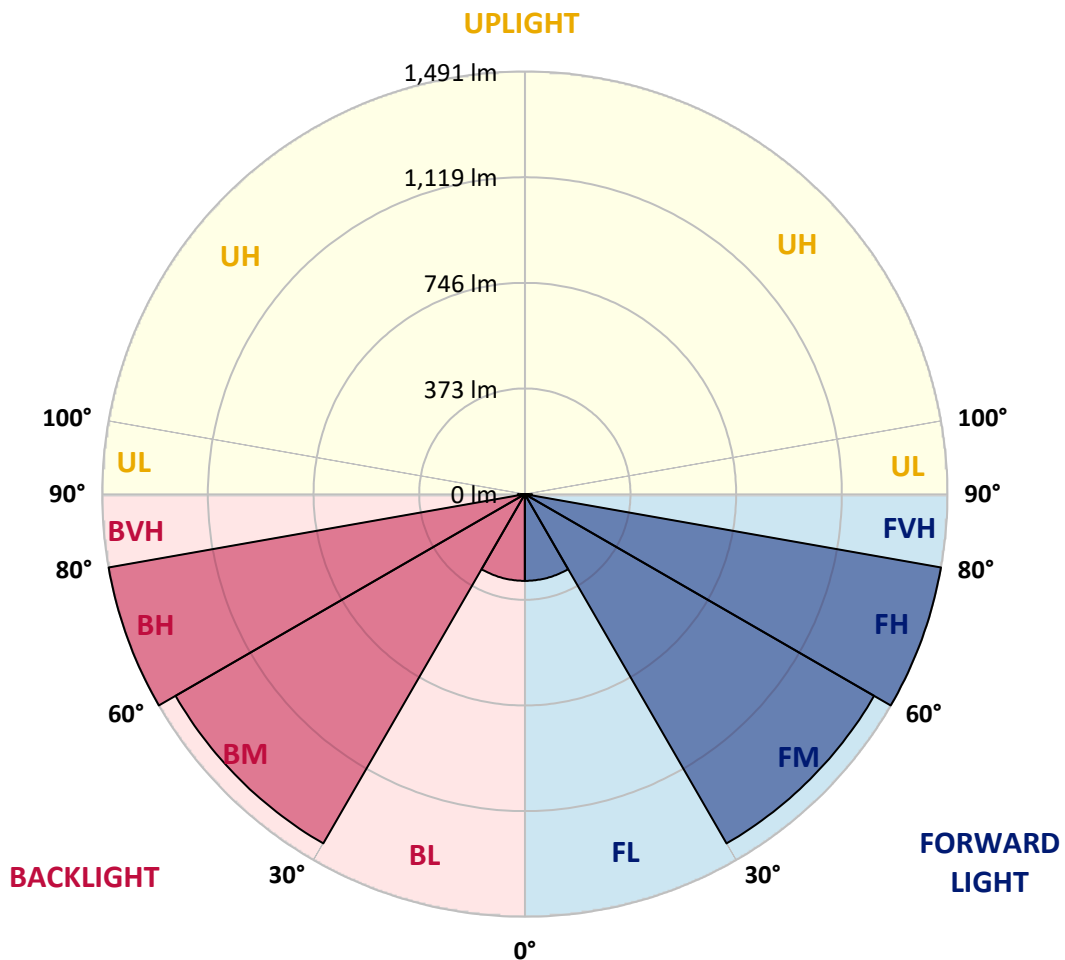
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	306.0	4.7			
FM (30°-60°)	1423.3	21.9			
FH (60°-80°)	1491.4	23.0			G1/1800
FVH (80°-90°)	25.0	0.4			G1/100
BL (0°-30°)	306.0	4.7	B1/500		
BM (30°-60°)	1423.3	21.9	B2/2500		
BH (60°-80°)	1491.4	23.0	B3/2500		G1/1800
BVH (80°-90°)	25.0	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°	713.9	713.9	713.9	713.9	713.9	713.9	713.9	713.9	713.9	713.9	713.9
2.5°	712.9	712.5	713.4	713.9	712.9	713.4	710.6	710.6	712.0	710.6	712.5
5°	716.2	715.2	716.2	716.2	713.9	713.9	710.6	709.7	710.6	708.3	710.2
7.5°	716.6	714.8	716.2	715.7	713.9	713.9	709.3	707.4	707.9	705.6	707.0
10°	712.0	711.1	712.9	712.0	710.6	710.6	707.0	704.2	704.2	701.9	703.3
12.5°	709.3	708.3	710.6	711.1	710.2	710.6	706.0	702.4	701.0	698.2	699.1
15°	709.3	707.4	711.1	712.0	712.9	716.2	709.3	702.8	700.1	696.4	697.3
17.5°	708.8	707.9	712.0	715.2	716.2	719.8	712.0	705.1	701.9	696.4	697.3
20°	708.8	708.3	713.4	719.4	722.1	725.4	717.1	710.6	705.1	699.1	699.1
22.5°	711.1	710.6	717.5	726.3	734.1	739.6	730.0	719.4	712.0	704.2	703.3
25°	720.8	719.8	728.1	738.7	749.3	754.8	745.1	734.6	724.0	715.2	714.3
27.5°	740.5	740.1	748.4	761.2	768.6	772.7	764.5	755.3	744.7	734.6	734.1
30°	767.2	767.2	777.8	791.1	795.3	798.5	790.2	783.8	772.7	761.7	760.8
32.5°	799.4	801.3	813.7	828.4	831.1	833.0	824.2	820.1	808.2	796.2	794.4
35°	841.7	842.2	857.4	872.1	875.8	877.6	867.5	863.8	852.8	839.9	837.1
37.5°	895.5	894.2	908.4	925.0	928.7	931.0	922.7	919.9	906.1	893.2	889.1
40°	955.8	956.7	972.8	988.5	990.8	991.7	987.5	983.4	970.5	955.8	950.7
42.5°	1025.7	1025.7	1044.6	1063.0	1063.0	1058.4	1056.5	1055.6	1043.2	1026.6	1021.1
45°	1105.7	1106.7	1130.1	1143.9	1144.8	1132.4	1134.3	1139.8	1127.8	1106.7	1099.3
47.5°	1193.6	1195.0	1222.6	1237.8	1235.0	1218.9	1229.0	1231.8	1218.0	1190.8	1181.2
50°	1286.1	1290.2	1321.0	1347.7	1344.0	1320.5	1333.9	1334.8	1312.3	1281.0	1267.7
52.5°	1385.9	1395.5	1436.5	1465.0	1468.7	1439.2	1450.7	1449.8	1420.8	1378.0	1369.3
55°	1509.6	1515.1	1555.6	1596.1	1609.9	1573.5	1586.4	1580.0	1540.9	1492.1	1477.4
57.5°	1633.3	1641.6	1693.6	1739.1	1766.7	1735.9	1738.7	1722.1	1672.9	1614.0	1606.6
60°	1780.0	1783.7	1841.2	1900.6	1948.4	1930.0	1917.1	1882.6	1824.7	1765.8	1755.2
62.5°	1900.1	1907.5	1993.0	2080.4	2161.4	2164.6	2125.5	2074.0	1981.5	1883.1	1861.9
65°	1933.2	1945.2	2065.2	2237.7	2406.1	2481.0	2373.9	2216.6	2010.0	1861.5	1829.7
67.5°	1779.1	1802.1	1973.7	2260.2	2633.7	2858.7	2571.6	2148.9	1860.5	1687.1	1656.8
70°	1383.6	1393.7	1595.1	1988.4	2637.4	3098.8	2492.1	1866.1	1525.2	1338.9	1294.3
72.5°	735.0	740.1	921.8	1338.9	2146.2	2677.0	2059.2	1305.8	897.8	728.6	677.5
75°	237.3	243.8	317.4	548.3	1183.9	1798.9	1214.3	543.2	309.6	249.8	236.4
77.5°	121.0	120.5	133.8	176.6	398.3	881.7	421.3	190.4	133.8	120.0	116.4
80°	75.4	74.1	84.2	96.6	139.4	257.6	151.3	106.7	84.6	72.7	72.2
82.5°	42.8	42.8	56.6	62.1	78.7	106.3	88.3	73.1	58.0	43.2	41.9
85°	23.9	21.2	35.4	39.1	45.1	52.4	53.8	47.4	39.1	23.9	24.8
87.5°	8.7	9.7	16.6	15.6	17.9	12.4	22.1	24.8	22.1	11.5	9.7
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)