

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: P672523

Luminaire Tested: **CCP-SA-1D-730-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672523
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

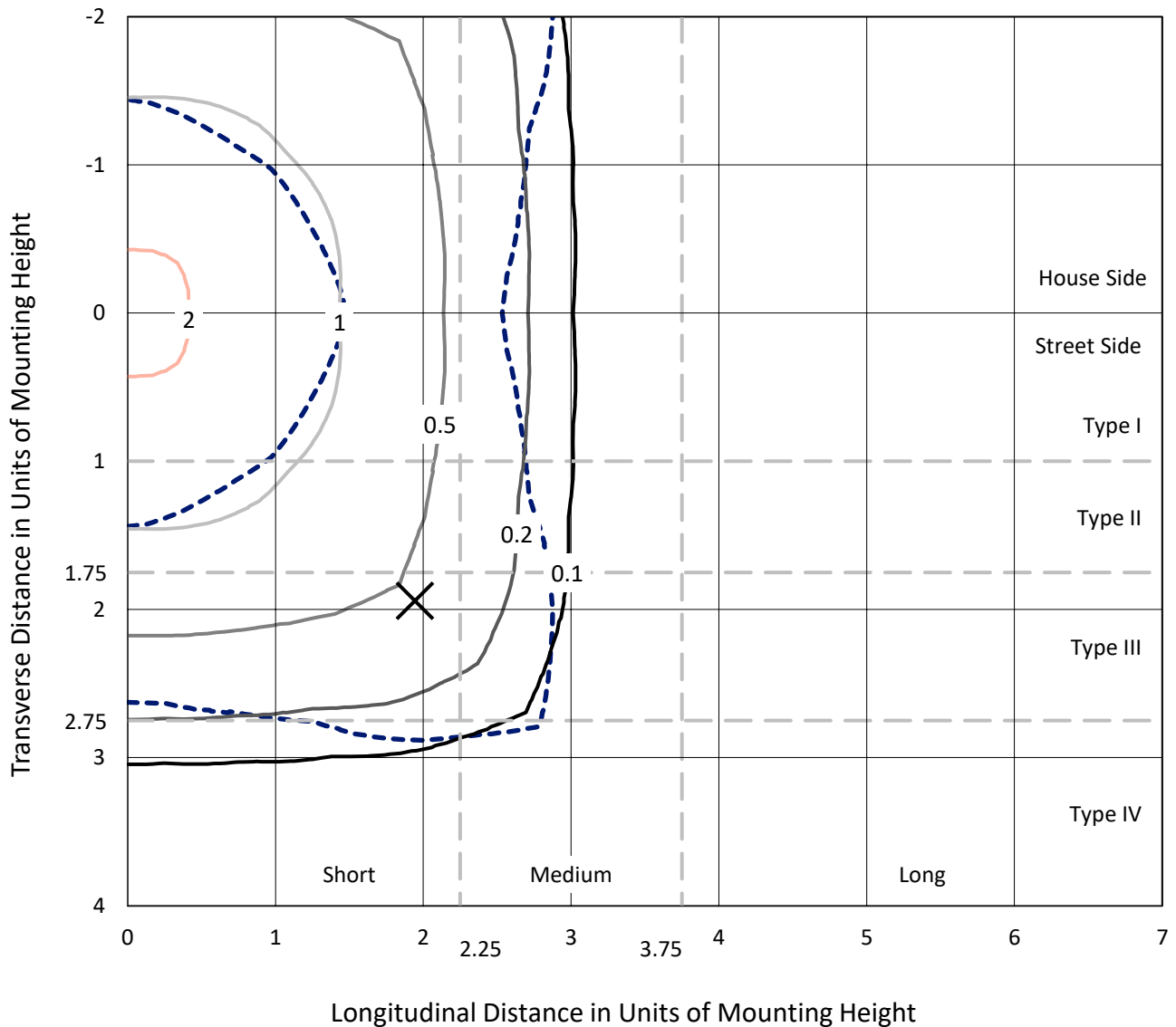
Lumens per Lamp: N/A
Luminaire Lumens: 5242.1 lumens
Efficiency: N/A
Efficacy: 119.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 44
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

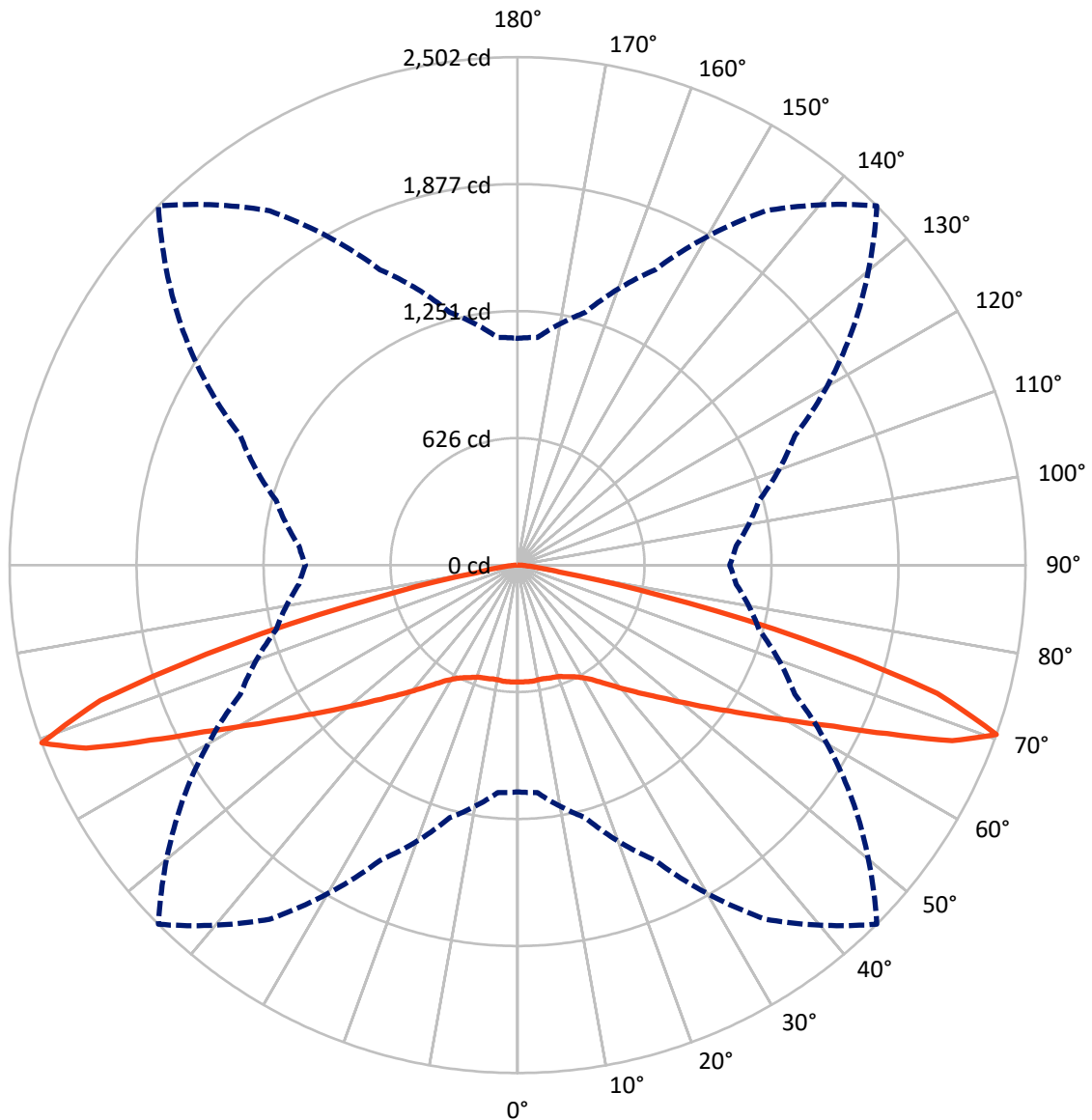
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 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	2621.0	0.0	2621.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2621.0	0.0	2621.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5242.1	0.0	5242.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	1.0
10°-20°	162.3	3.1
20°-30°	277.2	5.3
30°-40°	442.3	8.4
40°-50°	713.7	13.6
50°-60°	1142.8	21.8
60°-70°	1673.0	31.9
70°-80°	735.8	14.0
80°-90°	40.3	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°	5242.1	100.0
0°-180°	5242.1	100.0



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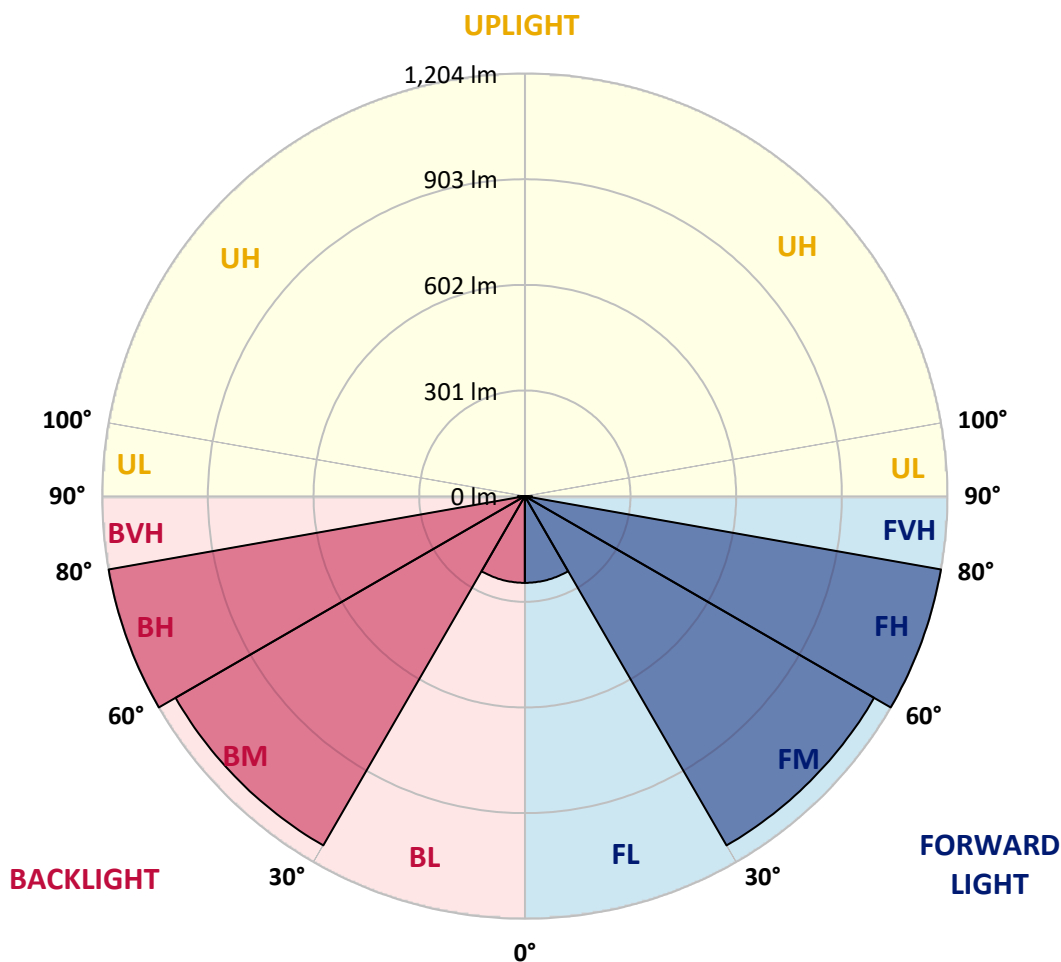
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	247.1	4.7			
FM (30°-60°)	1149.4	21.9			
FH (60°-80°)	1204.4	23.0			G1/1800
FVH (80°-90°)	20.2	0.4			G1/100
BL (0°-30°)	247.1	4.7	B1/500		
BM (30°-60°)	1149.4	21.9	B2/2500		
BH (60°-80°)	1204.4	23.0	B3/2500		G1/1800
BVH (80°-90°)	20.2	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°	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5
2.5°	575.7	575.3	576.1	576.5	575.7	576.1	573.9	573.9	575.0	573.9	575.3
5°	578.3	577.6	578.3	578.3	576.5	576.5	573.9	573.1	573.9	572.0	573.5
7.5°	578.7	577.2	578.3	577.9	576.5	576.5	572.7	571.3	571.6	569.8	570.9
10°	575.0	574.2	575.7	575.0	573.9	573.9	570.9	568.7	568.7	566.8	567.9
12.5°	572.7	572.0	573.9	574.2	573.5	573.9	570.1	567.2	566.1	563.8	564.6
15°	572.7	571.3	574.2	575.0	575.7	578.3	572.7	567.5	565.3	562.3	563.1
17.5°	572.4	571.6	575.0	577.6	578.3	581.3	575.0	569.4	566.8	562.3	563.1
20°	572.4	572.0	576.1	580.9	583.1	585.7	579.1	573.9	569.4	564.6	564.6
22.5°	574.2	573.9	579.4	586.5	592.8	597.3	589.5	580.9	575.0	568.7	567.9
25°	582.0	581.3	588.0	596.5	605.1	609.5	601.7	593.2	584.6	577.6	576.8
27.5°	598.0	597.6	604.3	614.7	620.7	624.0	617.3	609.9	601.3	593.2	592.8
30°	619.5	619.5	628.1	638.9	642.2	644.8	638.1	632.9	624.0	615.1	614.3
32.5°	645.5	647.0	657.1	668.9	671.2	672.7	665.6	662.3	652.6	642.9	641.5
35°	679.7	680.1	692.3	704.2	707.2	708.7	700.5	697.5	688.6	678.2	676.0
37.5°	723.2	722.1	733.6	746.9	749.9	751.8	745.1	742.9	731.7	721.3	718.0
40°	771.8	772.6	785.6	798.2	800.1	800.8	797.5	794.1	783.7	771.8	767.7
42.5°	828.3	828.3	843.5	858.4	858.4	854.7	853.2	852.4	842.4	829.0	824.6
45°	892.9	893.7	912.6	923.7	924.5	914.5	915.9	920.4	910.7	893.7	887.7
47.5°	963.9	965.0	987.3	999.5	997.3	984.3	992.5	994.7	983.5	961.6	953.8
50°	1038.5	1041.9	1066.7	1088.3	1085.3	1066.4	1077.1	1077.9	1059.7	1034.4	1023.7
52.5°	1119.1	1126.9	1160.0	1183.0	1186.0	1162.2	1171.5	1170.7	1147.3	1112.8	1105.7
55°	1219.0	1223.5	1256.2	1288.9	1300.0	1270.7	1281.1	1275.9	1244.3	1204.9	1193.0
57.5°	1318.9	1325.6	1367.6	1404.4	1426.7	1401.8	1404.0	1390.6	1350.9	1303.3	1297.4
60°	1437.4	1440.4	1486.8	1534.7	1573.4	1558.5	1548.1	1520.3	1473.5	1425.9	1417.4
62.5°	1534.4	1540.3	1609.4	1680.0	1745.3	1747.9	1716.4	1674.8	1600.1	1520.6	1503.5
65°	1561.1	1570.8	1667.7	1807.0	1942.9	2003.5	1916.9	1789.9	1623.1	1503.2	1477.5
67.5°	1436.7	1455.3	1593.8	1825.2	2126.8	2308.4	2076.6	1735.3	1502.4	1362.4	1337.9
70°	1117.3	1125.4	1288.1	1605.7	2129.8	2502.3	2012.4	1506.9	1231.7	1081.2	1045.2
72.5°	593.5	597.6	744.3	1081.2	1733.1	2161.7	1662.9	1054.5	725.0	588.3	547.1
75°	191.7	196.9	256.3	442.7	956.1	1452.7	980.6	438.7	250.0	201.7	190.9
77.5°	97.7	97.3	108.1	142.6	321.7	712.0	340.2	153.8	108.1	96.9	94.0
80°	60.9	59.8	68.0	78.0	112.5	208.0	122.2	86.2	68.3	58.7	58.3
82.5°	34.5	34.5	45.7	50.1	63.5	85.8	71.3	59.1	46.8	34.9	33.8
85°	19.3	17.1	28.6	31.6	36.4	42.3	43.5	38.3	31.6	19.3	20.1
87.5°	7.1	7.8	13.4	12.6	14.5	10.0	17.8	20.1	17.8	9.3	7.8
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)