

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: P672755

Luminaire Tested: **CCP-SA-1D-840-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672755
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-840-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5NQ
distribution lens
Light Source: (16) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4948 lumens
Efficiency: N/A
Efficacy: 112.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

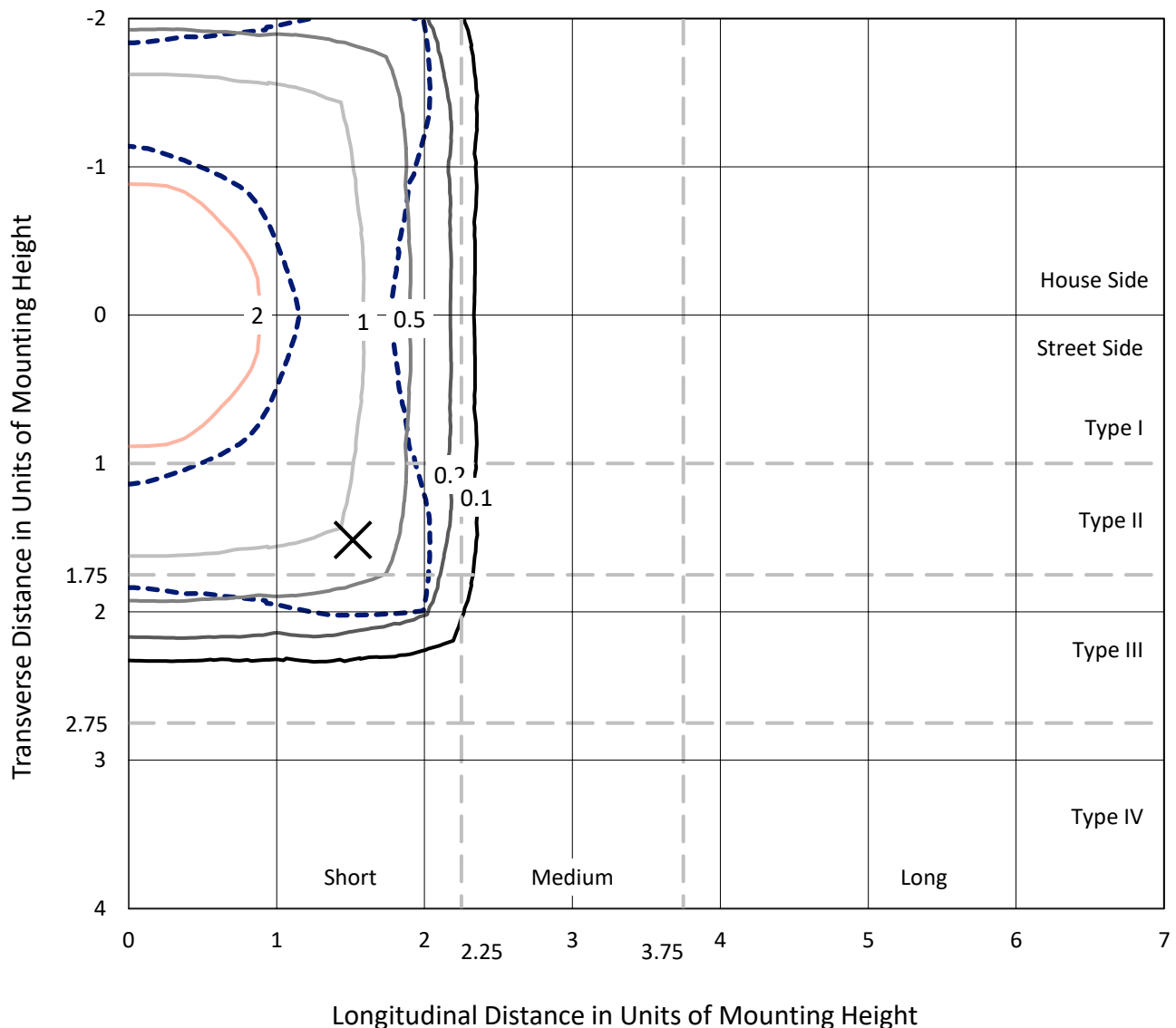
Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

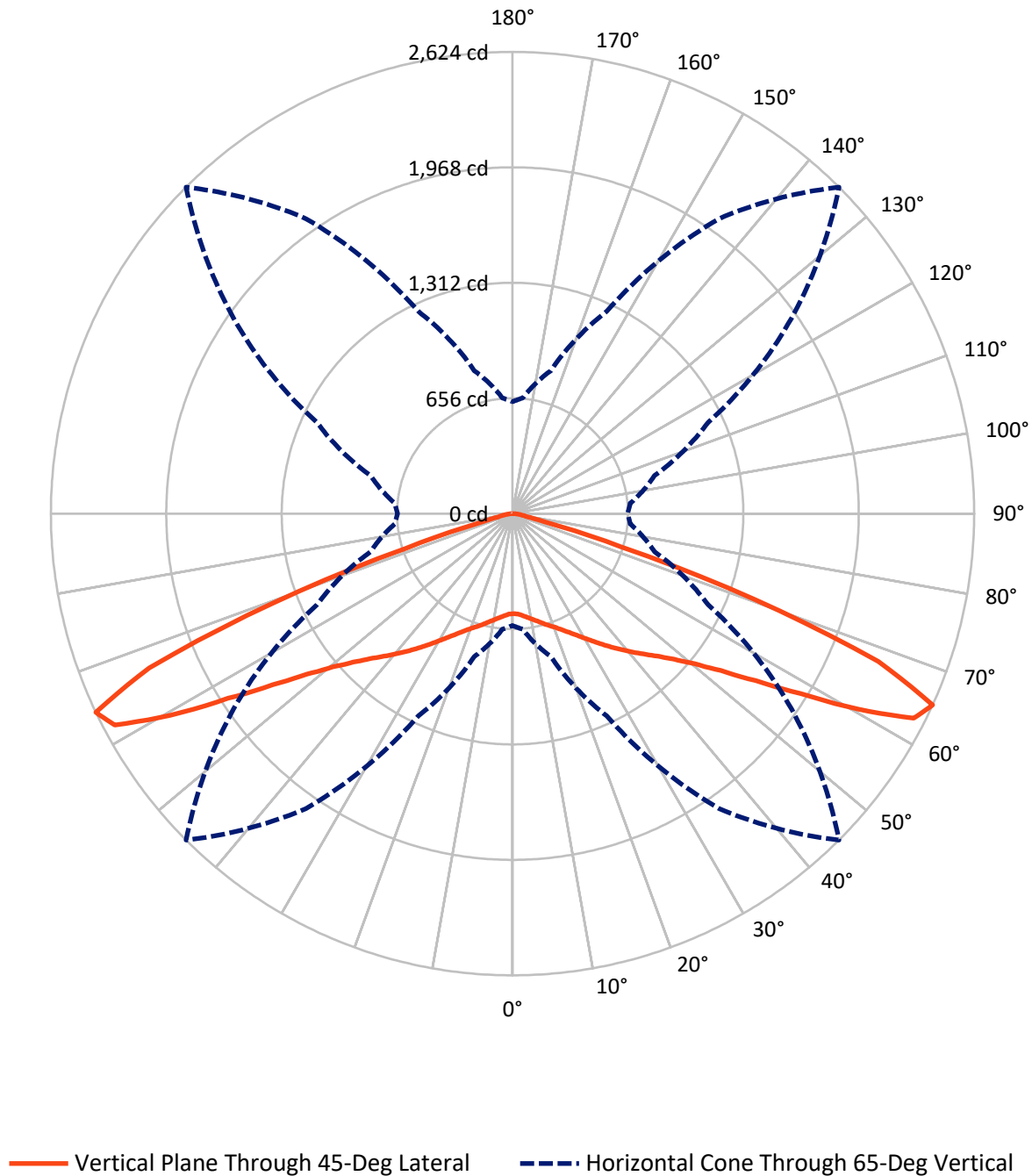
× Max cd
 - - - 1/2 Max cd



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



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2474.0	0.0	2474.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2474.0	0.0	2474.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4948.0	0.0	4948.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	1.1
10°-20°	183.9	3.7
20°-30°	348.9	7.1
30°-40°	585.1	11.8
40°-50°	925.8	18.7
50°-60°	1454.5	29.4
60°-70°	1229.0	24.8
70°-80°	143.1	2.9
80°-90°	21.3	0.4
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°	4948.0	100.0
0°-180°	4948.0	100.0

Coefficient of Utilization



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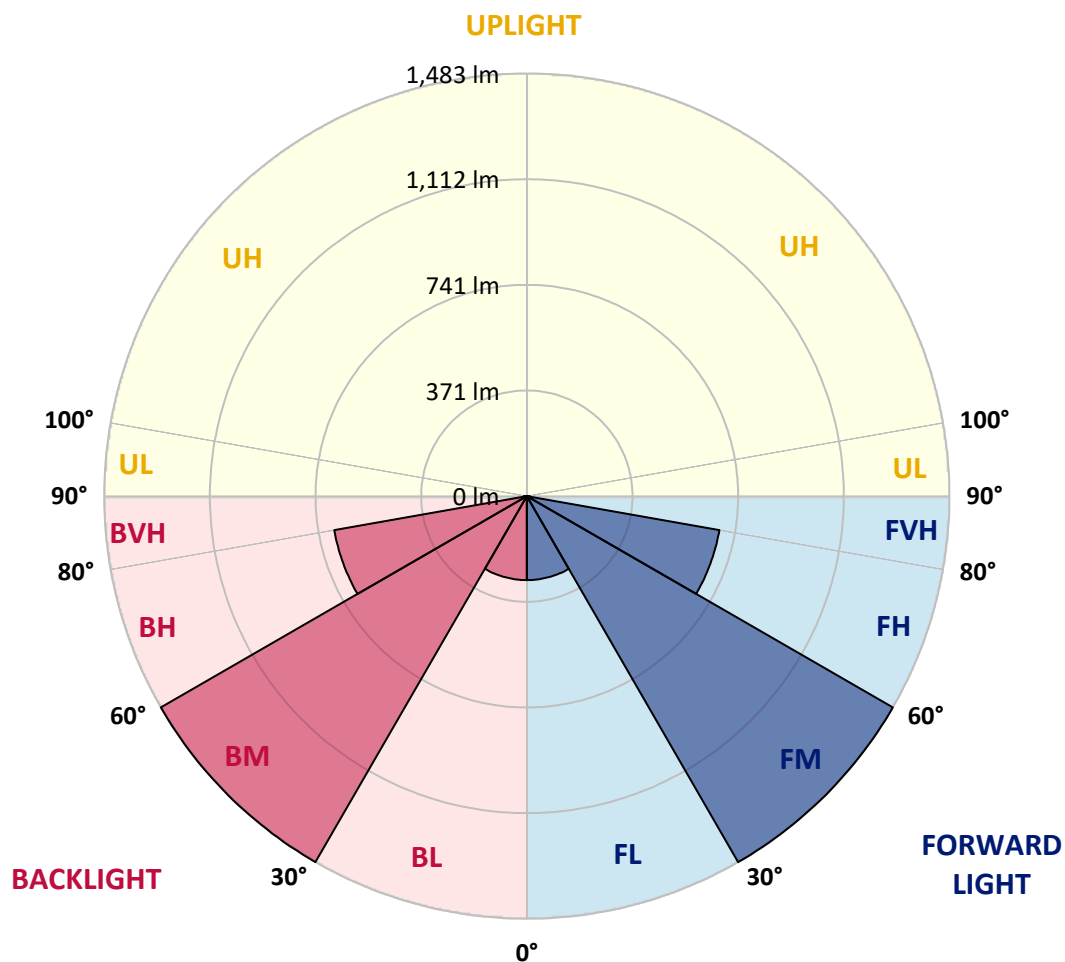
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	294.6	6.0			
FM	(30°-60°)	1482.7	30.0			
FH	(60°-80°)	686.0	13.9			G1/1800
FVH	(80°-90°)	10.7	0.2			G1/100
BL	(0°-30°)	294.6	6.0	B1/500		
BM	(30°-60°)	1482.7	30.0	B2/2500		
BH	(60°-80°)	686.0	13.9	B2/1000		G1/1800
BVH	(80°-90°)	10.7	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	568.9	568.9	568.9	568.9	568.9	568.9	568.9	568.9	568.9	568.9	568.9
2.5°	572.1	570.3	572.1	572.1	571.0	571.4	570.0	569.6	571.4	570.0	569.6
5°	583.9	582.5	583.9	582.8	581.1	581.5	579.4	578.7	580.8	578.7	579.0
7.5°	597.4	595.0	595.7	596.8	595.0	595.0	593.3	592.2	593.3	591.2	592.6
10°	608.9	606.8	607.9	609.3	608.9	610.0	608.2	607.5	606.5	604.1	606.1
12.5°	623.9	623.2	624.6	626.3	625.6	627.0	623.2	622.1	621.8	619.0	621.4
15°	643.4	641.6	644.0	646.1	645.1	647.5	644.4	643.0	641.3	637.8	639.9
17.5°	662.8	661.4	664.9	666.0	666.3	668.4	666.0	663.9	663.2	660.7	659.4
20°	686.1	684.4	687.2	689.3	687.5	690.0	688.9	687.5	686.8	683.0	682.7
22.5°	712.2	709.8	713.9	716.4	713.9	716.4	714.3	713.9	714.3	708.7	709.4
25°	741.4	741.8	745.9	747.7	746.3	747.7	744.6	746.6	745.6	739.7	737.6
27.5°	779.0	777.6	782.1	787.3	783.8	783.8	782.5	784.5	784.2	778.6	777.2
30°	822.8	822.4	829.1	832.2	827.3	825.2	824.9	830.1	830.4	824.5	822.1
32.5°	868.7	868.7	876.7	880.5	873.6	872.2	870.8	877.7	876.7	868.7	863.5
35°	919.1	917.0	927.8	933.4	926.4	922.3	921.6	927.8	926.4	915.3	909.0
37.5°	968.9	970.2	982.8	989.0	980.7	975.5	977.2	981.4	981.7	969.6	962.9
40°	1029.7	1030.1	1045.7	1050.6	1039.8	1031.8	1034.2	1043.6	1042.9	1028.0	1019.6
42.5°	1097.9	1096.5	1116.0	1120.1	1105.5	1090.2	1097.5	1112.1	1115.6	1098.9	1090.2
45°	1170.9	1173.0	1193.2	1197.7	1174.7	1155.3	1170.9	1192.8	1197.3	1179.3	1168.5
47.5°	1259.6	1262.0	1286.4	1288.1	1262.0	1236.6	1257.5	1286.0	1287.8	1262.7	1250.2
50°	1360.8	1369.1	1396.3	1399.7	1374.0	1341.3	1371.2	1396.6	1390.0	1356.6	1345.1
52.5°	1475.5	1482.1	1524.6	1539.2	1516.6	1481.5	1505.4	1521.1	1499.9	1456.1	1438.3
55°	1573.3	1584.4	1640.7	1685.2	1702.3	1675.8	1673.1	1650.1	1591.0	1524.2	1505.8
57.5°	1600.7	1611.5	1698.8	1813.6	1914.8	1928.0	1866.8	1751.7	1624.4	1521.4	1502.7
60°	1489.1	1503.7	1631.3	1848.7	2139.1	2258.7	2037.5	1760.4	1537.8	1399.7	1376.1
62.5°	1169.5	1196.6	1361.5	1702.3	2229.5	2559.9	2107.8	1610.5	1276.6	1113.5	1082.2
65°	636.1	659.4	841.2	1268.6	2046.2	2624.2	1935.6	1226.2	835.0	671.2	654.1
67.5°	238.6	255.6	339.1	627.0	1446.7	2243.4	1469.3	702.1	379.1	271.9	248.0
70°	101.5	103.6	122.8	218.4	657.6	1459.5	752.2	238.6	126.6	102.2	99.5
72.5°	73.0	73.4	78.6	96.7	200.3	640.2	227.4	100.2	77.2	69.6	69.6
75°	58.4	58.8	61.9	69.9	94.6	188.5	98.1	70.2	59.8	54.6	53.9
77.5°	45.9	46.6	49.7	54.6	63.3	86.2	66.4	55.3	48.0	43.1	42.4
80°	34.1	35.1	39.3	41.7	44.5	57.4	48.3	43.1	38.3	33.0	32.0
82.5°	22.6	23.6	29.2	31.0	30.6	36.2	33.4	33.0	29.2	21.9	20.9
85°	13.6	14.3	18.8	20.2	18.8	17.7	21.2	23.0	20.5	14.3	13.2
87.5°	5.9	5.9	8.3	8.7	8.3	6.6	10.1	11.8	12.2	7.3	6.6
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)