

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: P672412

Luminaire Tested: **CCP-SA-1D-750-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672412
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-750-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

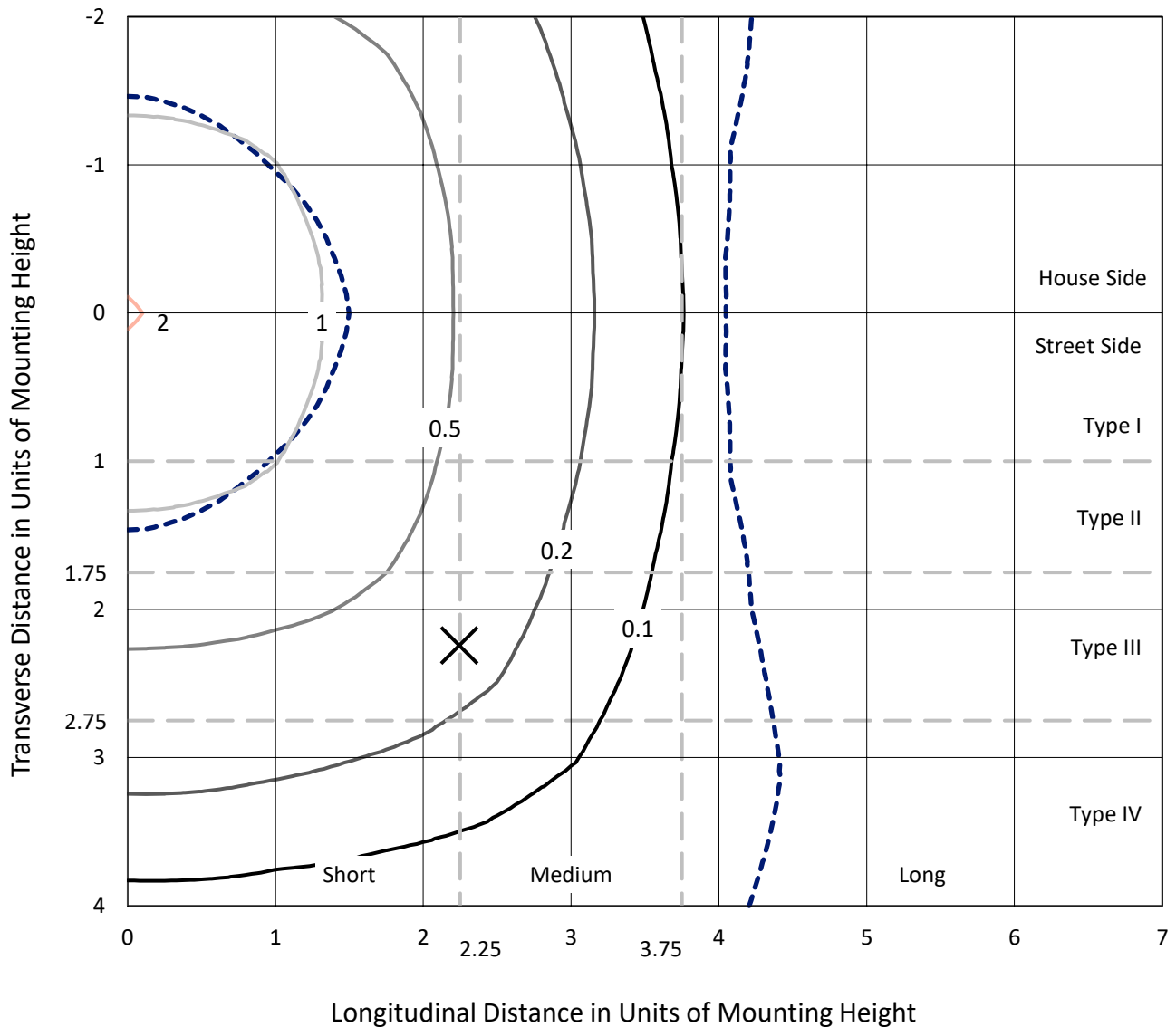
Lumens per Lamp: N/A
Luminaire Lumens: 5979 lumens
Efficiency: N/A
Efficacy: 135.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

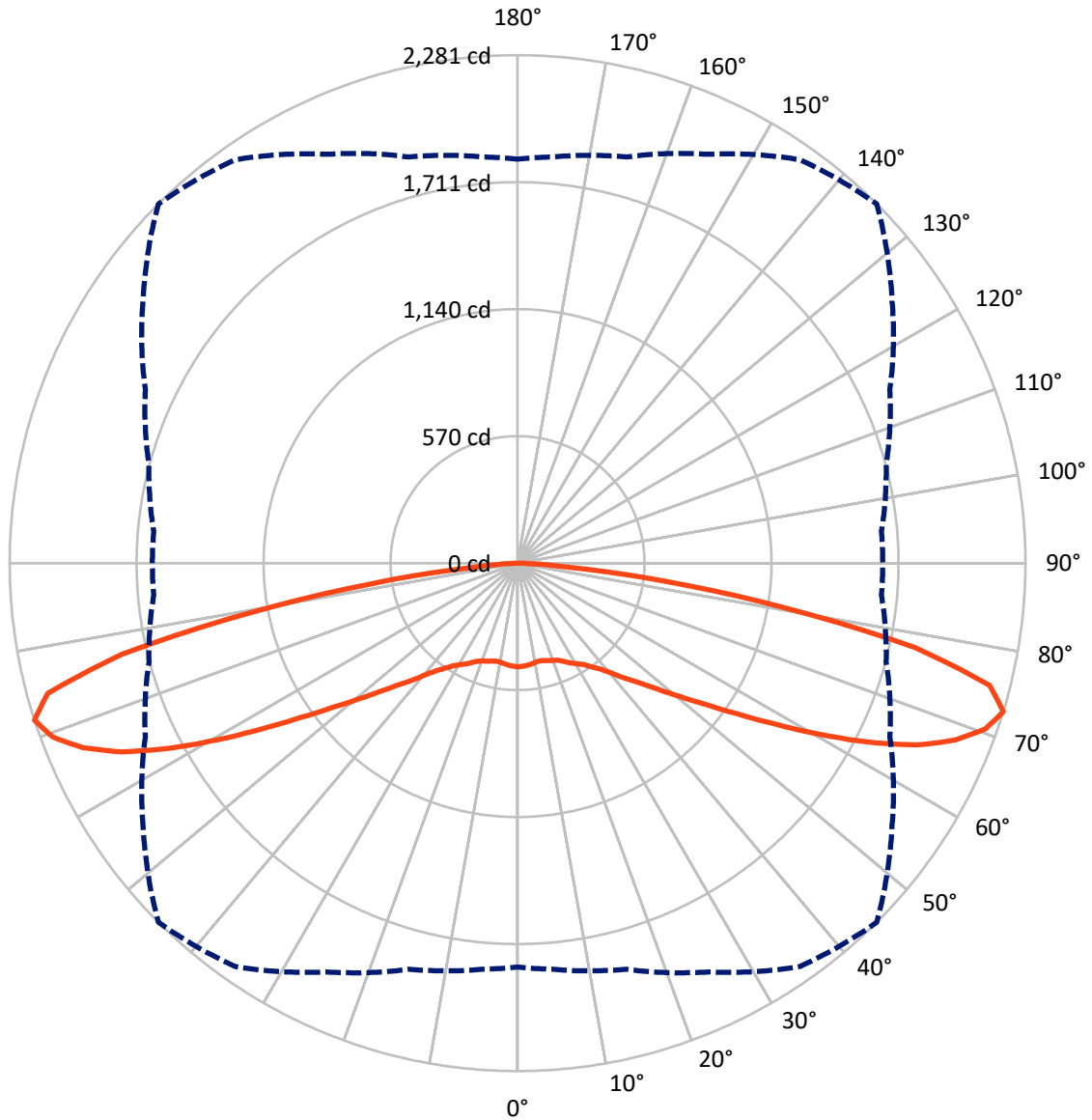
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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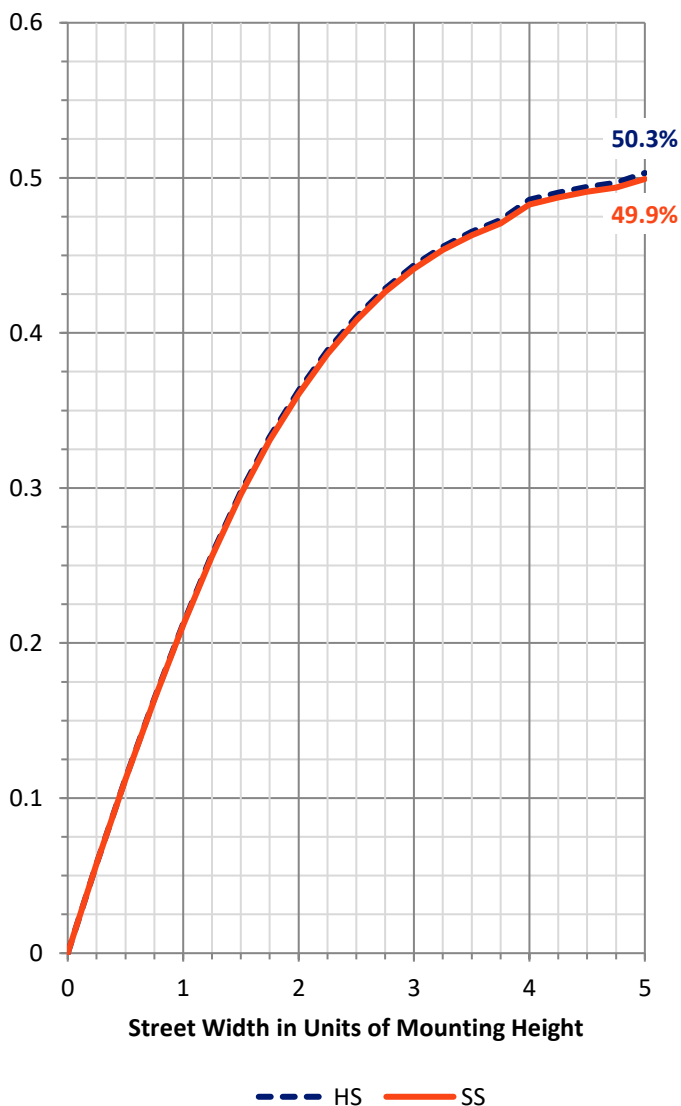
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2989.5	0.0	2989.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2989.5	0.0	2989.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5979.0	0.0	5979.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.7	0.7
10°-20°	129.9	2.2
20°-30°	228.1	3.8
30°-40°	363.9	6.1
40°-50°	608.6	10.2
50°-60°	1041.4	17.4
60°-70°	1719.2	28.8
70°-80°	1647.7	27.6
80°-90°	196.5	3.3
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°	5979.0	100.0
0°-180°	5979.0	100.0

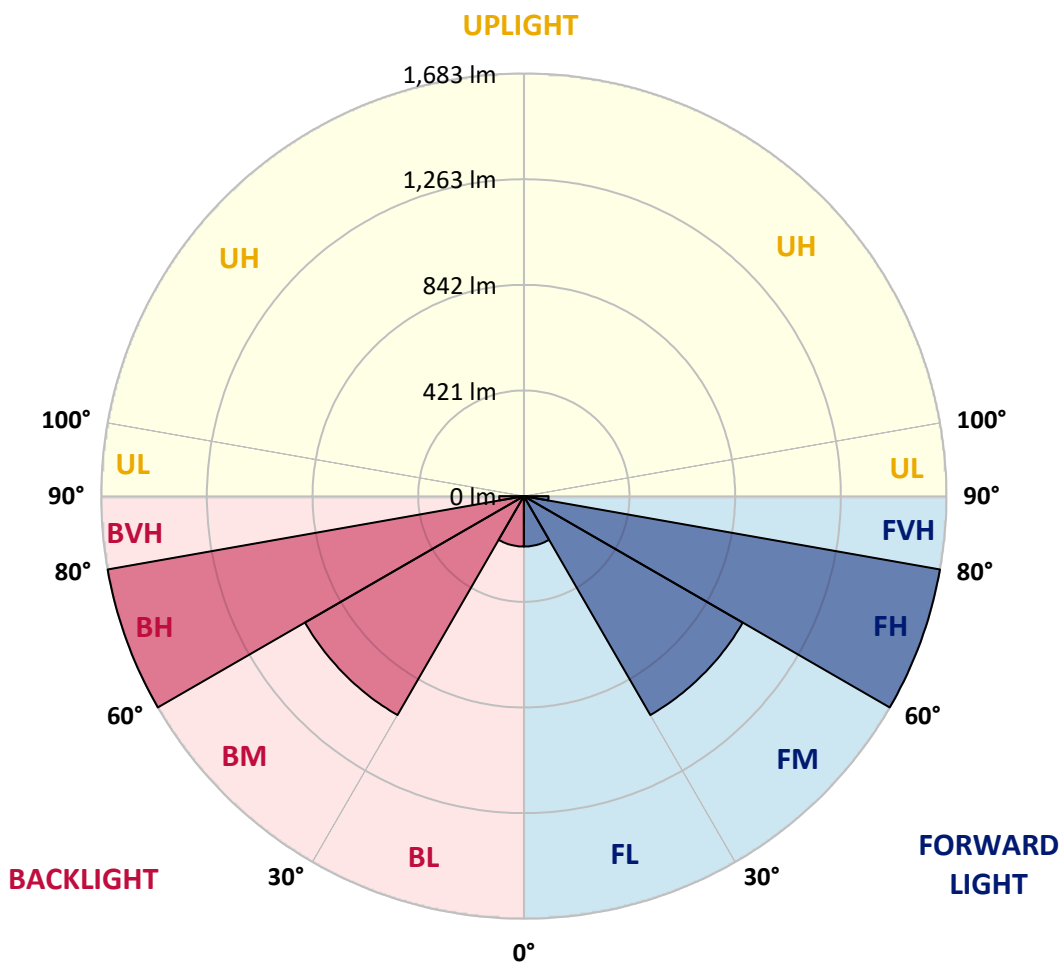


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	200.9	3.4			
FM (30°-60°)	1006.9	16.8			
FH (60°-80°)	1683.5	28.2			G1/1800
FVH (80°-90°)	98.3	1.6			G1/100
BL (0°-30°)	200.9	3.4	B1/500		
BM (30°-60°)	1006.9	16.8	B2/2500		
BH (60°-80°)	1683.5	28.2	B3/2500		G1/1800
BVH (80°-90°)	98.3	1.6			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°	465.6	465.6	465.6	465.6	465.6	465.6	465.6	465.6	465.6	465.6	465.6
2.5°	462.7	462.7	463.9	464.3	463.9	463.5	463.1	462.7	463.9	463.5	463.9
5°	461.4	461.4	461.8	462.3	461.4	461.0	460.2	459.8	460.6	460.6	461.4
7.5°	458.1	457.7	458.1	458.5	457.3	456.8	455.6	455.6	455.6	455.2	456.0
10°	455.2	454.3	454.3	453.5	451.4	451.8	450.2	451.4	453.5	453.9	454.3
12.5°	456.4	455.6	454.7	452.7	449.7	450.2	449.7	451.0	453.9	455.6	456.8
15°	462.3	461.4	459.3	455.6	453.9	453.9	453.1	453.5	457.7	460.2	461.4
17.5°	468.5	466.8	463.1	460.6	458.9	460.2	457.3	456.8	460.2	463.9	465.2
20°	473.5	472.3	467.7	464.8	464.8	466.0	463.1	461.4	465.2	469.8	471.0
22.5°	482.3	481.4	476.9	473.9	473.9	474.4	472.7	471.4	475.6	480.2	481.4
25°	494.8	494.8	490.2	489.0	488.5	489.4	487.3	486.0	489.8	493.1	494.4
27.5°	509.4	508.1	504.4	503.6	505.2	508.1	504.4	501.1	504.0	506.9	507.3
30°	524.8	524.8	521.5	521.5	522.8	524.0	520.7	517.3	520.2	523.6	524.0
32.5°	546.5	545.3	544.0	544.4	544.0	542.4	540.7	540.3	542.8	544.9	545.7
35°	573.2	572.8	571.1	572.0	572.0	572.0	567.0	565.3	569.5	571.1	570.3
37.5°	614.5	614.1	609.9	607.4	604.5	603.3	597.0	596.6	606.6	611.6	610.8
40°	665.0	663.3	659.6	655.4	651.7	649.2	642.9	647.5	657.9	661.7	661.7
42.5°	720.1	718.0	713.8	711.7	709.2	706.7	698.4	700.5	713.0	716.7	712.6
45°	787.7	784.8	780.2	775.6	771.8	766.8	762.6	764.7	778.1	782.7	779.3
47.5°	859.4	858.6	854.8	851.1	847.8	844.4	839.0	842.7	854.4	853.6	846.9
50°	935.4	937.0	937.4	941.2	938.7	939.1	929.1	927.0	936.2	930.8	922.4
52.5°	1017.1	1019.6	1028.4	1035.9	1049.7	1051.3	1038.8	1025.5	1023.8	1009.6	1000.9
55°	1111.8	1111.4	1130.6	1151.5	1181.9	1191.5	1163.6	1138.5	1124.8	1097.2	1088.1
57.5°	1219.1	1217.8	1247.0	1283.7	1338.8	1362.6	1311.3	1263.7	1230.3	1197.4	1187.8
60°	1335.5	1338.4	1373.8	1433.5	1528.6	1561.6	1484.0	1405.1	1354.2	1311.3	1307.5
62.5°	1471.5	1471.9	1513.6	1594.5	1718.0	1771.0	1664.2	1557.4	1492.7	1445.6	1435.6
65°	1632.1	1635.0	1679.6	1761.4	1903.3	1968.8	1845.7	1715.5	1639.2	1575.3	1574.1
67.5°	1796.9	1795.2	1836.1	1922.9	2059.7	2120.2	1991.3	1846.1	1746.8	1667.1	1656.7
70°	1902.4	1911.6	1955.8	2038.9	2169.9	2228.7	2071.8	1896.6	1792.7	1719.7	1714.7
72.5°	1813.6	1830.7	1887.8	2025.5	2211.2	2280.8	2052.6	1844.4	1713.4	1640.0	1640.0
75°	1472.3	1500.7	1580.4	1792.3	2068.5	2189.0	1900.3	1614.1	1423.5	1345.1	1345.1
77.5°	897.0	924.1	1031.7	1290.4	1670.5	1824.8	1549.1	1215.7	995.0	899.1	886.6
80°	298.3	315.8	421.4	655.8	1025.5	1214.5	1038.0	690.5	445.6	339.6	337.9
82.5°	79.3	86.4	120.2	190.2	445.2	657.9	474.8	227.8	130.6	101.4	93.5
85°	27.5	29.6	50.9	63.4	113.1	217.8	132.3	82.6	63.4	38.4	35.9
87.5°	7.9	8.8	20.4	22.1	32.5	25.4	35.9	33.0	30.0	12.5	11.3
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)