

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: P672477

Luminaire Tested: **CCP-SA-1C-850-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672477
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-850-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4135 lumens
Efficiency: N/A
Efficacy: 129.2 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): 32
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

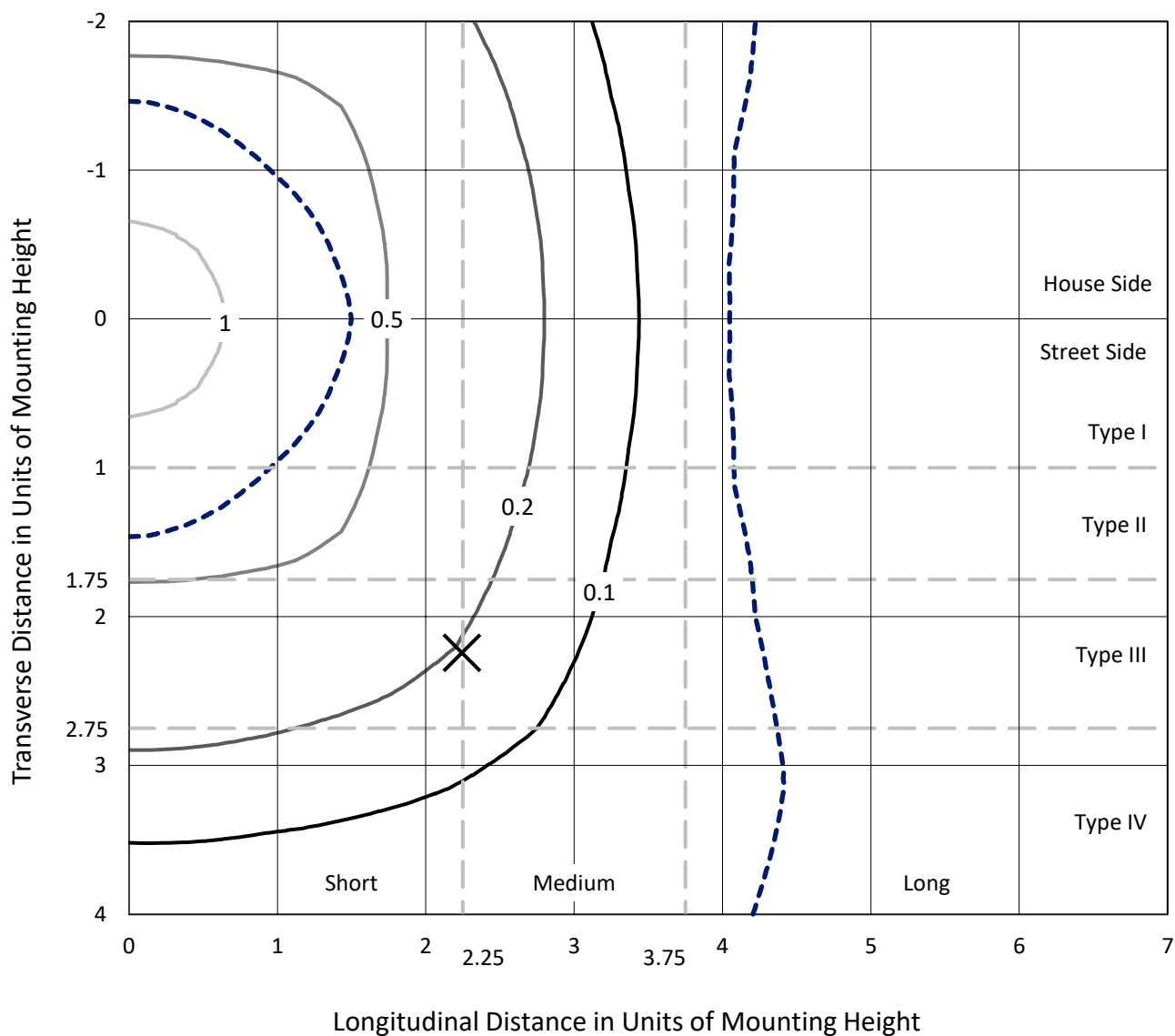
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



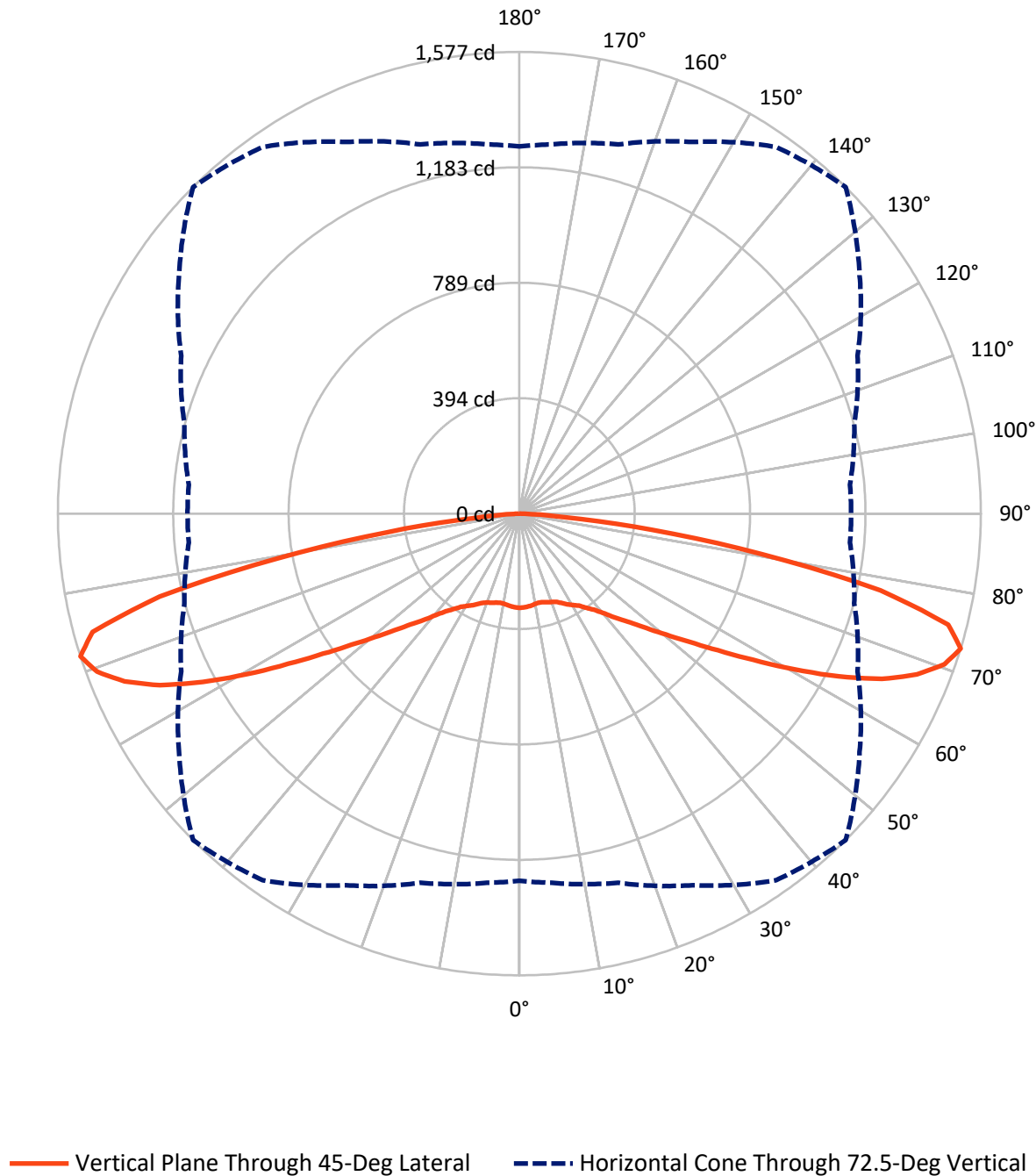
Based on 15 foot mounting height. Maximum calculated value = 1.4 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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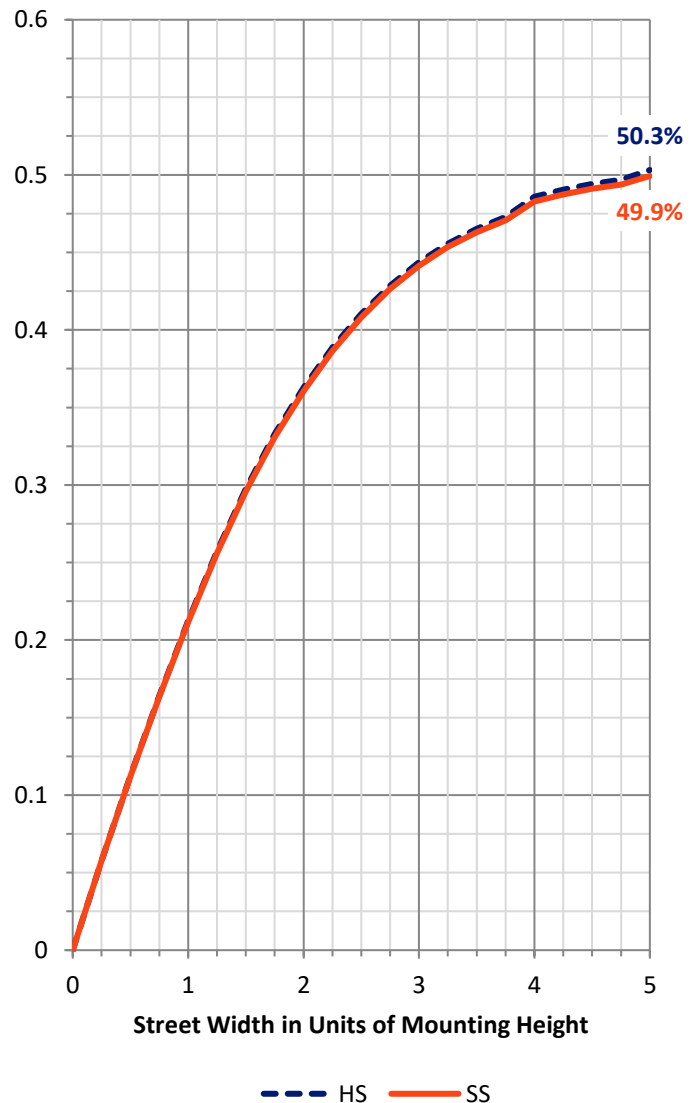
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2067.5	0.0	2067.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2067.5	0.0	2067.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4135.0	0.0	4135.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	0.7
10°-20°	89.8	2.2
20°-30°	157.8	3.8
30°-40°	251.7	6.1
40°-50°	420.9	10.2
50°-60°	720.2	17.4
60°-70°	1189.0	28.8
70°-80°	1139.6	27.6
80°-90°	135.9	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°	4135.0	100.0
0°-180°	4135.0	100.0



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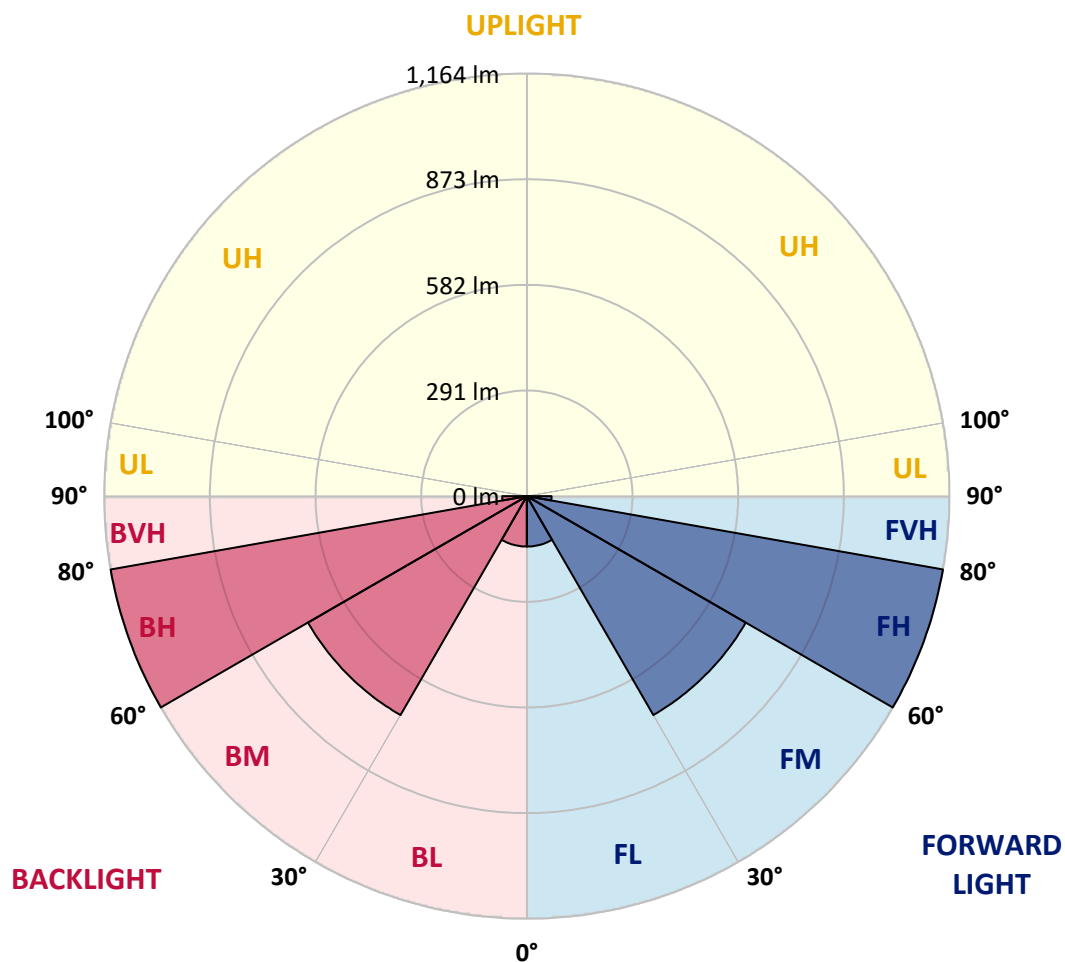
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	138.9	3.4			
FM	(30°-60°)	696.4	16.8			
FH	(60°-80°)	1164.3	28.2			G1/1800
FVH	(80°-90°)	68.0	1.6			G1/100
BL	(0°-30°)	138.9	3.4	B1/500		
BM	(30°-60°)	696.4	16.8	B1/1000		
BH	(60°-80°)	1164.3	28.2	B3/2500		G1/1800
BVH	(80°-90°)	68.0	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°	322.0	322.0	322.0	322.0	322.0	322.0	322.0	322.0	322.0	322.0	322.0
2.5°	320.0	320.0	320.8	321.1	320.8	320.6	320.3	320.0	320.8	320.6	320.8
5°	319.1	319.1	319.4	319.7	319.1	318.8	318.3	318.0	318.5	318.5	319.1
7.5°	316.8	316.5	316.8	317.1	316.2	315.9	315.1	315.1	315.1	314.8	315.4
10°	314.8	314.2	314.2	313.6	312.2	312.5	311.3	312.2	313.6	313.9	314.2
12.5°	315.7	315.1	314.5	313.1	311.0	311.3	311.0	311.9	313.9	315.1	315.9
15°	319.7	319.1	317.7	315.1	313.9	313.9	313.3	313.6	316.5	318.3	319.1
17.5°	324.0	322.9	320.3	318.5	317.4	318.3	316.2	315.9	318.3	320.8	321.7
20°	327.5	326.6	323.4	321.4	321.4	322.3	320.3	319.1	321.7	324.9	325.8
22.5°	333.5	333.0	329.8	327.8	327.8	328.1	326.9	326.0	328.9	332.1	333.0
25°	342.2	342.2	339.0	338.2	337.9	338.4	337.0	336.1	338.7	341.0	341.9
27.5°	352.3	351.4	348.8	348.3	349.4	351.4	348.8	346.5	348.5	350.6	350.9
30°	363.0	363.0	360.7	360.7	361.5	362.4	360.1	357.8	359.8	362.1	362.4
32.5°	378.0	377.1	376.2	376.5	376.2	375.1	373.9	373.6	375.4	376.8	377.4
35°	396.4	396.2	395.0	395.6	395.6	395.6	392.1	391.0	393.8	395.0	394.4
37.5°	425.0	424.7	421.8	420.1	418.1	417.2	412.9	412.6	419.5	423.0	422.4
40°	459.9	458.8	456.2	453.3	450.7	449.0	444.6	447.8	455.0	457.6	457.6
42.5°	498.0	496.6	493.7	492.2	490.5	488.8	483.0	484.4	493.1	495.7	492.8
45°	544.7	542.7	539.6	536.4	533.8	530.3	527.4	528.9	538.1	541.3	539.0
47.5°	594.4	593.8	591.2	588.6	586.3	584.0	580.2	582.8	590.9	590.3	585.7
50°	646.9	648.0	648.3	650.9	649.2	649.5	642.6	641.1	647.5	643.7	637.9
52.5°	703.4	705.2	711.2	716.4	725.9	727.1	718.4	709.2	708.1	698.2	692.2
55°	768.9	768.6	781.9	796.3	817.4	824.0	804.7	787.4	777.9	758.8	752.5
57.5°	843.1	842.2	862.4	887.8	925.9	942.3	906.9	874.0	850.9	828.1	821.5
60°	923.6	925.6	950.1	991.4	1057.2	1080.0	1026.3	971.8	936.6	906.9	904.3
62.5°	1017.7	1017.9	1046.8	1102.8	1188.2	1224.8	1151.0	1077.1	1032.4	999.8	992.8
65°	1128.7	1130.8	1161.6	1218.2	1316.3	1361.6	1276.5	1186.4	1133.6	1089.5	1088.6
67.5°	1242.7	1241.6	1269.8	1329.8	1424.5	1466.3	1377.2	1276.8	1208.1	1153.0	1145.8
70°	1315.7	1322.1	1352.6	1410.1	1500.7	1541.3	1432.8	1311.7	1239.8	1189.3	1185.9
72.5°	1254.2	1266.1	1305.6	1400.8	1529.2	1577.4	1419.6	1275.6	1185.0	1134.2	1134.2
75°	1018.2	1037.8	1093.0	1239.5	1430.5	1513.9	1314.3	1116.3	984.5	930.2	930.2
77.5°	620.3	639.1	713.5	892.4	1155.3	1262.0	1071.3	840.8	688.1	621.8	613.1
80°	206.3	218.4	291.4	453.6	709.2	839.9	717.9	477.5	308.2	234.9	233.7
82.5°	54.8	59.7	83.1	131.6	307.9	455.0	328.3	157.5	90.3	70.1	64.6
85°	19.0	20.5	35.2	43.9	78.2	150.6	91.5	57.1	43.9	26.5	24.8
87.5°	5.5	6.1	14.1	15.3	22.5	17.6	24.8	22.8	20.8	8.7	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)