

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: P672449

Luminaire Tested: **CCP-SA-2B-830-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672449
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-830-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5751.7 lumens
Efficiency: N/A
Efficacy: 125.0 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

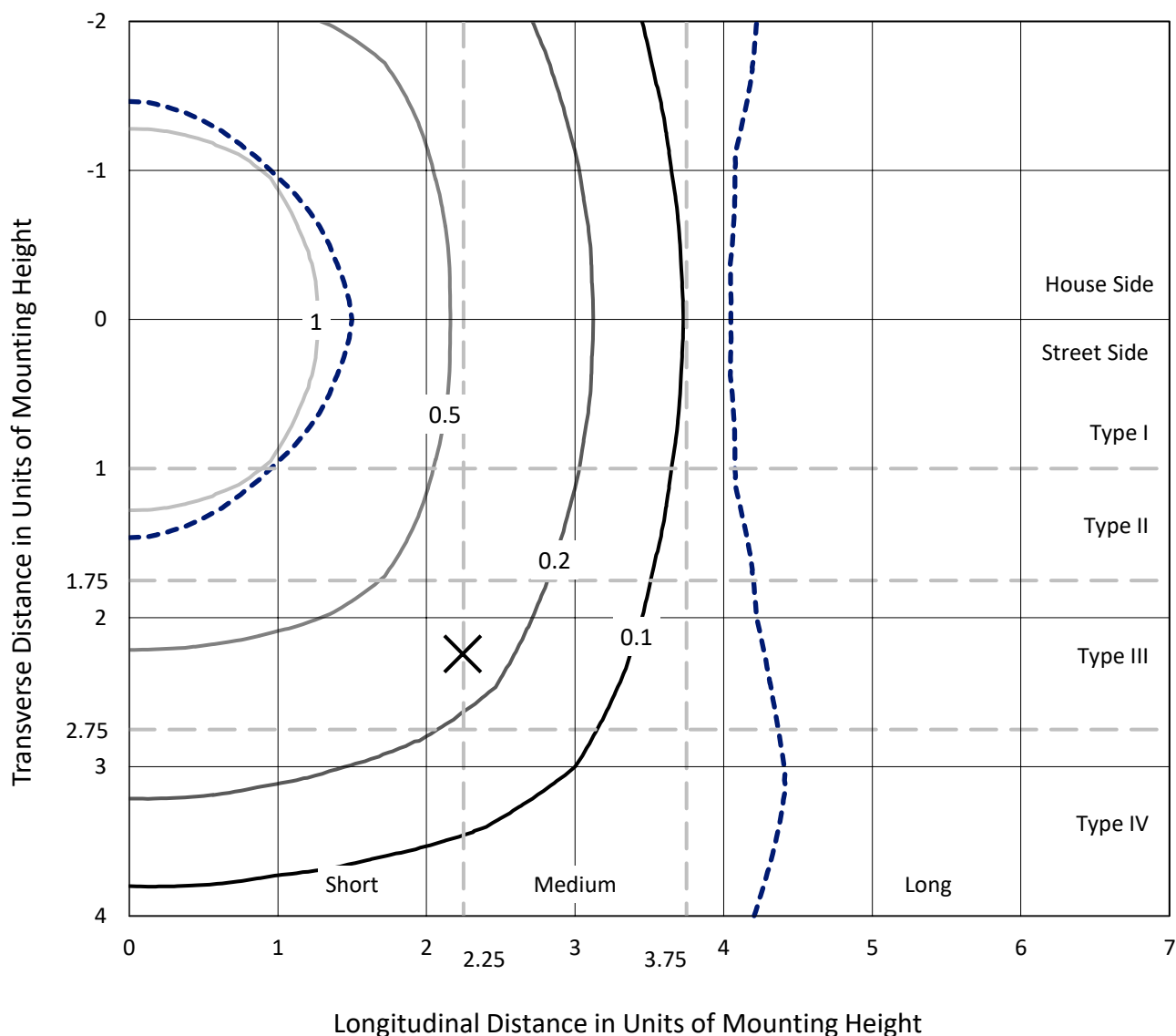
REPORT NUMBER: P672449

CATALOG NUMBER: CCP-SA-2B-830-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



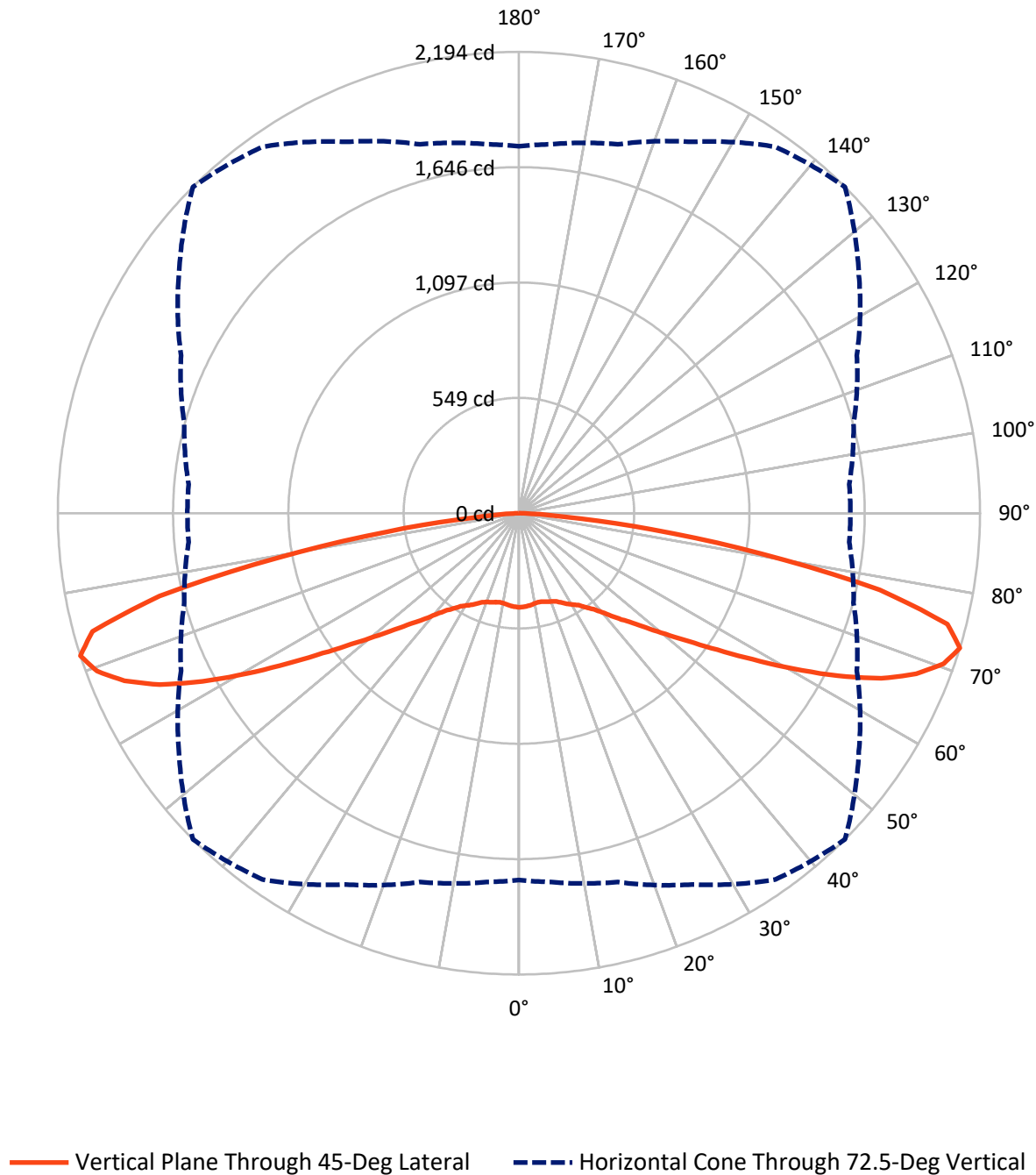
Based on 15 foot mounting height. Maximum calculated value = 2 fc

Type V - Short - N/A

REPORT NUMBER: P672449

CATALOG NUMBER: CCP-SA-2B-830-U-5WQ

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2875.8	0.0	2875.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2875.8	0.0	2875.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	5751.7	0.0	5751.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	0.7
10°-20°	124.9	2.2
20°-30°	219.4	3.8
30°-40°	350.1	6.1
40°-50°	585.4	10.2
50°-60°	1001.8	17.4
60°-70°	1653.8	28.8
70°-80°	1585.1	27.6
80°-90°	189.0	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°	5751.7	100.0
0°-180°	5751.7	100.0

Coefficient of Utilization



REPORT NUMBER: P672449

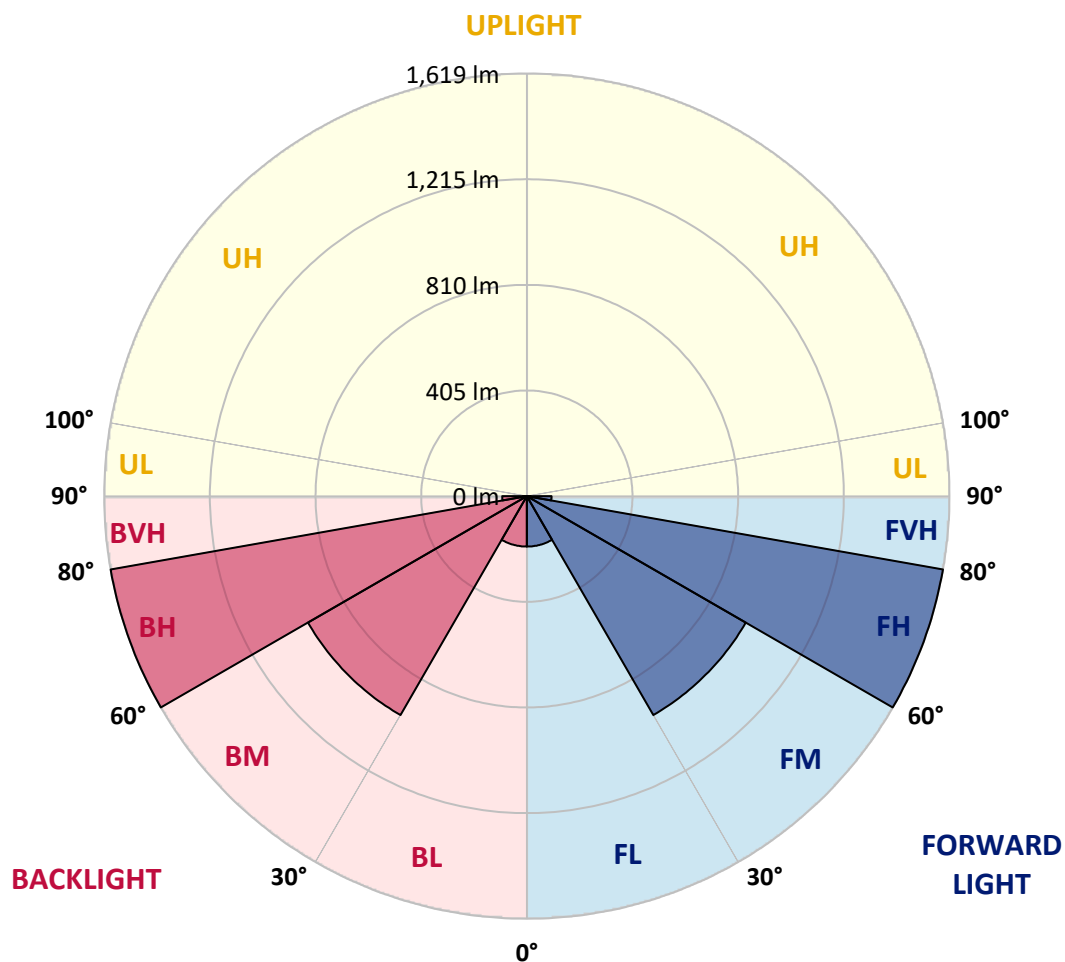
CATALOG NUMBER: CCP-SA-2B-830-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	193.2	3.4			
FM	(30°-60°)	968.7	16.8			
FH	(60°-80°)	1619.4	28.2			G1/1800
FVH	(80°-90°)	94.5	1.6			G1/100
BL	(0°-30°)	193.2	3.4	B1/500		
BM	(30°-60°)	968.7	16.8	B1/1000		
BH	(60°-80°)	1619.4	28.2	B3/2500		G1/1800
BVH	(80°-90°)	94.5	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°	447.9	447.9	447.9	447.9	447.9	447.9	447.9	447.9	447.9	447.9	447.9
2.5°	445.1	445.1	446.3	446.7	446.3	445.9	445.5	445.1	446.3	445.9	446.3
5°	443.9	443.9	444.3	444.7	443.9	443.5	442.7	442.3	443.1	443.1	443.9
7.5°	440.7	440.3	440.7	441.1	439.9	439.5	438.3	438.3	438.3	437.9	438.7
10°	437.9	437.1	437.1	436.3	434.2	434.6	433.0	434.2	436.3	436.7	437.1
12.5°	439.1	438.3	437.5	435.4	432.6	433.0	432.6	433.8	436.7	438.3	439.5
15°	444.7	443.9	441.9	438.3	436.7	436.7	435.8	436.3	440.3	442.7	443.9
17.5°	450.7	449.1	445.5	443.1	441.5	442.7	439.9	439.5	442.7	446.3	447.5
20°	455.5	454.3	449.9	447.1	447.1	448.3	445.5	443.9	447.5	451.9	453.1
22.5°	463.9	463.1	458.7	455.9	455.9	456.3	454.7	453.5	457.5	461.9	463.1
25°	476.0	476.0	471.6	470.4	470.0	470.8	468.8	467.6	471.2	474.4	475.6
27.5°	490.0	488.8	485.2	484.4	486.0	488.8	485.2	482.0	484.8	487.6	488.0
30°	504.9	504.9	501.7	501.7	502.9	504.1	500.9	497.7	500.5	503.7	504.1
32.5°	525.7	524.5	523.3	523.7	523.3	521.7	520.1	519.7	522.1	524.1	524.9
35°	551.4	551.0	549.4	550.2	550.2	550.2	545.4	543.8	547.8	549.4	548.6
37.5°	591.2	590.8	586.8	584.3	581.5	580.3	574.3	573.9	583.5	588.4	587.6
40°	639.7	638.1	634.5	630.5	626.9	624.5	618.5	622.9	632.9	636.5	636.5
42.5°	692.7	690.7	686.7	684.7	682.3	679.9	671.8	673.8	685.9	689.5	685.5
45°	757.7	754.9	750.5	746.1	742.5	737.7	733.6	735.6	748.5	752.9	749.7
47.5°	826.7	825.9	822.3	818.7	815.5	812.3	807.1	810.7	821.9	821.1	814.7
50°	899.8	901.4	901.8	905.4	903.0	903.4	893.8	891.8	900.6	895.4	887.4
52.5°	978.5	980.9	989.3	996.5	1009.8	1011.4	999.3	986.5	984.9	971.2	962.8
55°	1069.6	1069.2	1087.6	1107.7	1137.0	1146.2	1119.3	1095.2	1082.0	1055.5	1046.7
57.5°	1172.7	1171.5	1199.6	1234.9	1287.9	1310.8	1261.4	1215.6	1183.5	1151.8	1142.6
60°	1284.7	1287.5	1321.6	1379.0	1470.5	1502.2	1427.5	1351.7	1302.7	1261.4	1257.8
62.5°	1415.5	1415.9	1456.0	1533.9	1652.7	1703.7	1600.9	1498.2	1436.0	1390.6	1381.0
65°	1570.0	1572.8	1615.8	1694.4	1830.9	1893.9	1775.5	1650.3	1576.8	1515.4	1514.2
67.5°	1728.5	1726.9	1766.3	1849.8	1981.4	2039.6	1915.6	1775.9	1680.4	1603.7	1593.7
70°	1830.1	1838.9	1881.5	1961.3	2087.3	2143.9	1993.0	1824.5	1724.5	1654.3	1649.5
72.5°	1744.6	1761.1	1816.0	1948.5	2127.1	2194.1	1974.6	1774.3	1648.3	1577.6	1577.6
75°	1416.3	1443.6	1520.3	1724.1	1989.8	2105.8	1828.1	1552.8	1369.4	1293.9	1293.9
77.5°	862.9	889.0	992.5	1241.3	1606.9	1755.4	1490.2	1169.5	957.2	864.9	852.8
80°	287.0	303.8	405.3	630.9	986.5	1168.3	998.5	664.2	428.6	326.7	325.1
82.5°	76.3	83.1	115.6	183.0	428.2	632.9	456.7	219.1	125.6	97.5	89.9
85°	26.5	28.5	49.0	61.0	108.8	209.5	127.2	79.5	61.0	36.9	34.5
87.5°	7.6	8.4	19.7	21.3	31.3	24.5	34.5	31.7	28.9	12.0	10.8
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)