

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: P672737

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672737
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-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5710.6 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

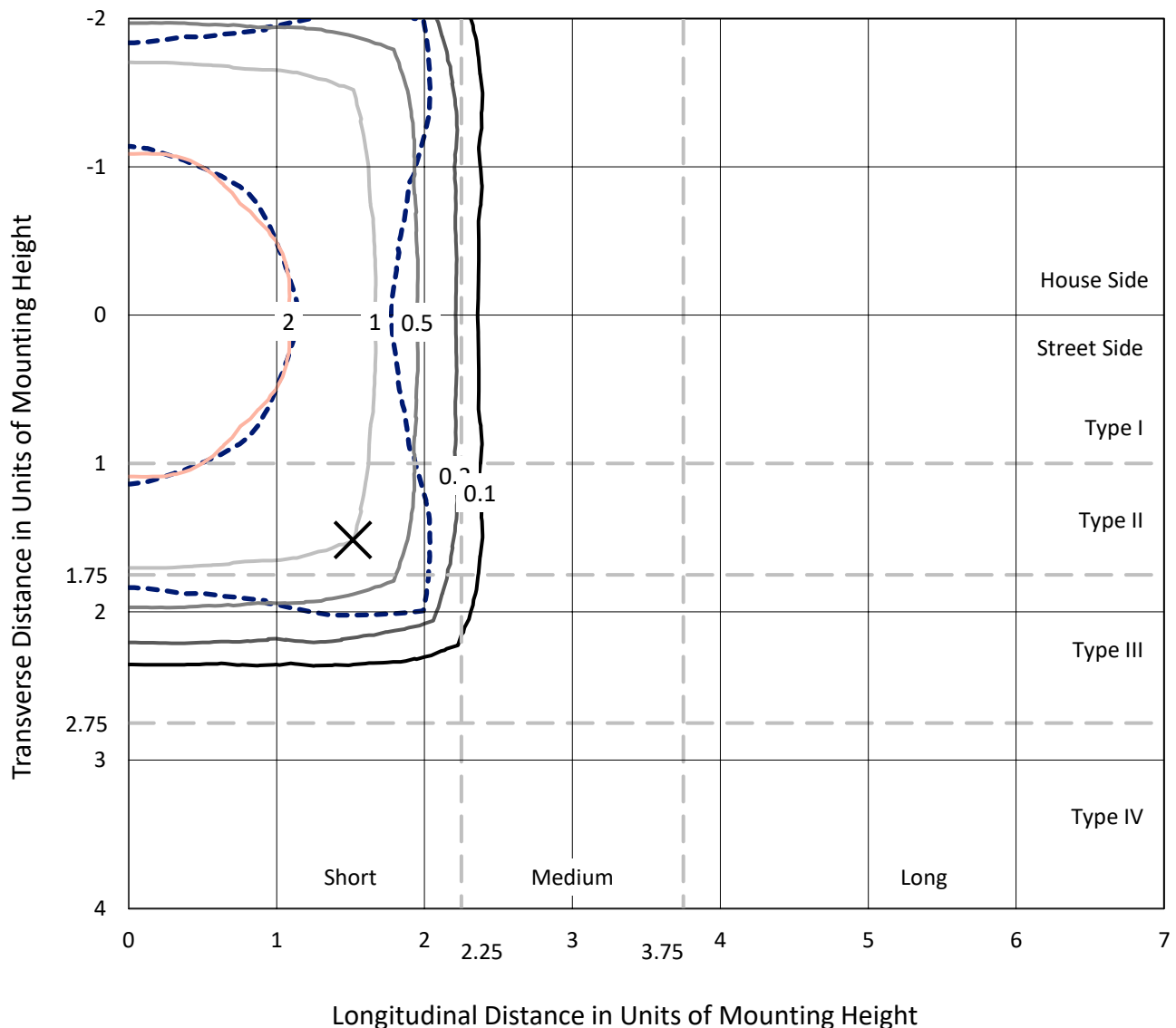
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672737

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



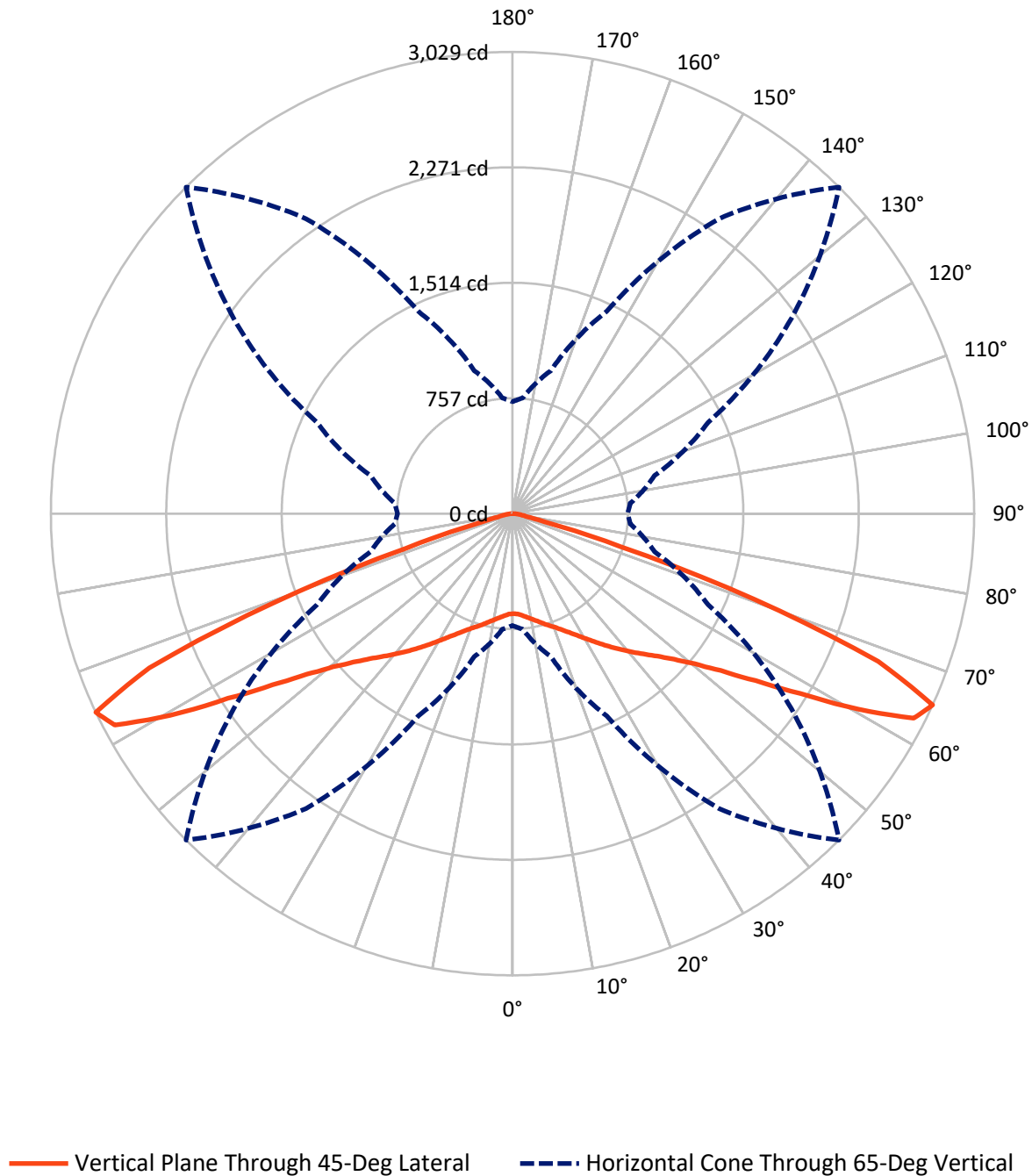
Based on 15 foot mounting height. Maximum calculated value = 3 fc

Type V - Short - N/A

REPORT NUMBER: P672737

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

Luminous Intensity Polar Plot



REPORT NUMBER: P672737

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

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2855.3	0.0	2855.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2855.3	0.0	2855.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	5710.6	0.0	5710.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	1.1
10°-20°	212.3	3.7
20°-30°	402.6	7.1
30°-40°	675.3	11.8
40°-50°	1068.5	18.7
50°-60°	1678.7	29.4
60°-70°	1418.4	24.8
70°-80°	165.2	2.9
80°-90°	24.6	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°	5710.6	100.0
0°-180°	5710.6	100.0

Coefficient of Utilization



REPORT NUMBER: P672737

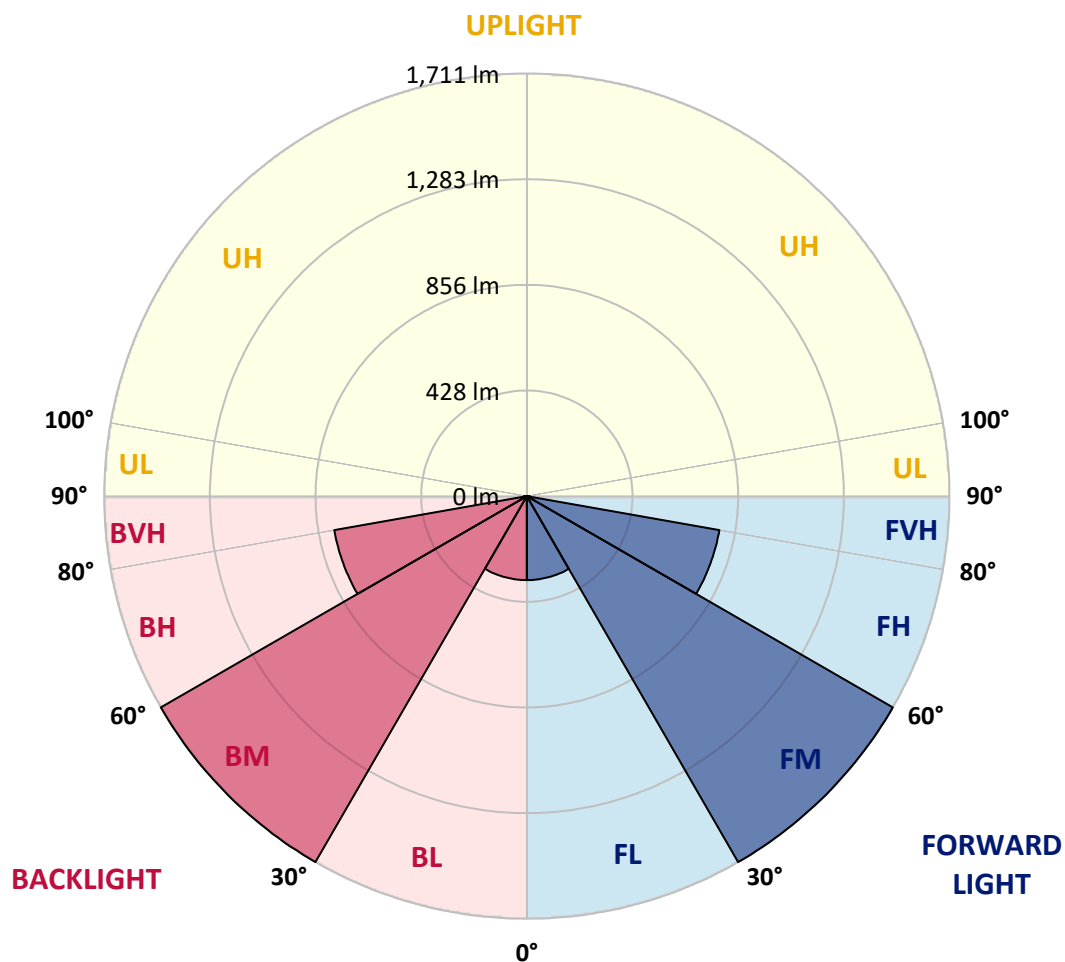
CATALOG NUMBER: CCP-SA-2B-830-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	340.0	6.0			
FM	(30°-60°)	1711.2	30.0			
FH	(60°-80°)	791.8	13.9			G1/1800
FVH	(80°-90°)	12.3	0.2			G1/100
BL	(0°-30°)	340.0	6.0	B1/500		
BM	(30°-60°)	1711.2	30.0	B2/2500		
BH	(60°-80°)	791.8	13.9	B2/1000		G1/1800
BVH	(80°-90°)	12.3	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





REPORT NUMBER: P672737

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	656.6	656.6	656.6	656.6	656.6	656.6	656.6	656.6	656.6	656.6	656.6
2.5°	660.2	658.2	660.2	660.2	659.0	659.4	657.8	657.4	659.4	657.8	657.4
5°	673.9	672.3	673.9	672.7	670.7	671.1	668.7	667.9	670.3	667.9	668.3
7.5°	689.5	686.7	687.5	688.7	686.7	686.7	684.7	683.5	684.7	682.3	683.9
10°	702.8	700.4	701.6	703.2	702.8	704.0	702.0	701.2	700.0	697.2	699.6
12.5°	720.0	719.2	720.8	722.8	722.0	723.6	719.2	718.0	717.6	714.4	717.2
15°	742.5	740.5	743.3	745.7	744.5	747.3	743.7	742.1	740.1	736.1	738.5
17.5°	765.0	763.4	767.4	768.6	769.0	771.4	768.6	766.2	765.4	762.6	761.0
20°	791.9	789.9	793.1	795.5	793.5	796.3	795.1	793.5	792.7	788.3	787.9
22.5°	822.0	819.2	824.0	826.8	824.0	826.8	824.4	824.0	824.4	818.0	818.8
25°	855.7	856.1	860.9	862.9	861.3	862.9	859.3	861.7	860.5	853.7	851.3
27.5°	899.0	897.4	902.6	908.7	904.7	904.7	903.0	905.5	905.1	898.6	897.0
30°	949.6	949.2	956.8	960.4	954.8	952.4	952.0	958.0	958.4	951.6	948.8
32.5°	1002.6	1002.6	1011.8	1016.2	1008.2	1006.6	1005.0	1013.0	1011.8	1002.6	996.6
35°	1060.8	1058.4	1070.8	1077.2	1069.2	1064.4	1063.6	1070.8	1069.2	1056.4	1049.1
37.5°	1118.2	1119.8	1134.2	1141.5	1131.8	1125.8	1127.8	1132.6	1133.0	1119.0	1111.4
40°	1188.4	1188.8	1206.9	1212.5	1200.1	1190.8	1193.6	1204.5	1203.7	1186.4	1176.8
42.5°	1267.1	1265.5	1287.9	1292.8	1275.9	1258.2	1266.7	1283.5	1287.5	1268.3	1258.2
45°	1351.4	1353.8	1377.0	1382.3	1355.8	1333.3	1351.4	1376.6	1381.9	1361.0	1348.6
47.5°	1453.7	1456.5	1484.6	1486.6	1456.5	1427.2	1451.3	1484.2	1486.2	1457.3	1442.9
50°	1570.5	1580.1	1611.4	1615.5	1585.8	1548.0	1582.5	1611.8	1604.2	1565.7	1552.4
52.5°	1702.9	1710.6	1759.5	1776.4	1750.3	1709.8	1737.5	1755.5	1731.0	1680.5	1660.0
55°	1815.7	1828.6	1893.6	1945.0	1964.6	1934.1	1930.9	1904.4	1836.2	1759.1	1737.9
57.5°	1847.4	1859.9	1960.6	2093.1	2209.9	2225.1	2154.5	2021.6	1874.7	1755.9	1734.3
60°	1718.6	1735.5	1882.8	2133.6	2468.7	2606.8	2351.5	2031.7	1774.8	1615.5	1588.2
62.5°	1349.8	1381.1	1571.3	1964.6	2573.1	2954.4	2432.6	1858.7	1473.4	1285.1	1249.0
65°	734.1	761.0	970.9	1464.1	2361.6	3028.6	2233.9	1415.2	963.7	774.6	754.9
67.5°	275.3	295.0	391.3	723.6	1669.6	2589.1	1695.7	810.3	437.5	313.9	286.2
70°	117.2	119.6	141.7	252.1	759.0	1684.5	868.1	275.3	146.1	118.0	114.8
72.5°	84.3	84.7	90.7	111.6	231.2	738.9	262.5	115.6	89.1	80.3	80.3
75°	67.4	67.8	71.4	80.7	109.2	217.5	113.2	81.1	69.0	63.0	62.2
77.5°	53.0	53.8	57.4	63.0	73.0	99.5	76.7	63.8	55.4	49.8	49.0
80°	39.3	40.5	45.4	48.2	51.4	66.2	55.8	49.8	44.1	38.1	36.9
82.5°	26.1	27.3	33.7	35.7	35.3	41.7	38.5	38.1	33.7	25.3	24.1
85°	15.7	16.5	21.7	23.3	21.7	20.5	24.5	26.5	23.7	16.5	15.3
87.5°	6.8	6.8	9.6	10.0	9.6	7.6	11.6	13.6	14.0	8.4	7.6
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)