

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: P672681

Luminaire Tested: **CCP-SA-2A-735-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672681
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-735-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

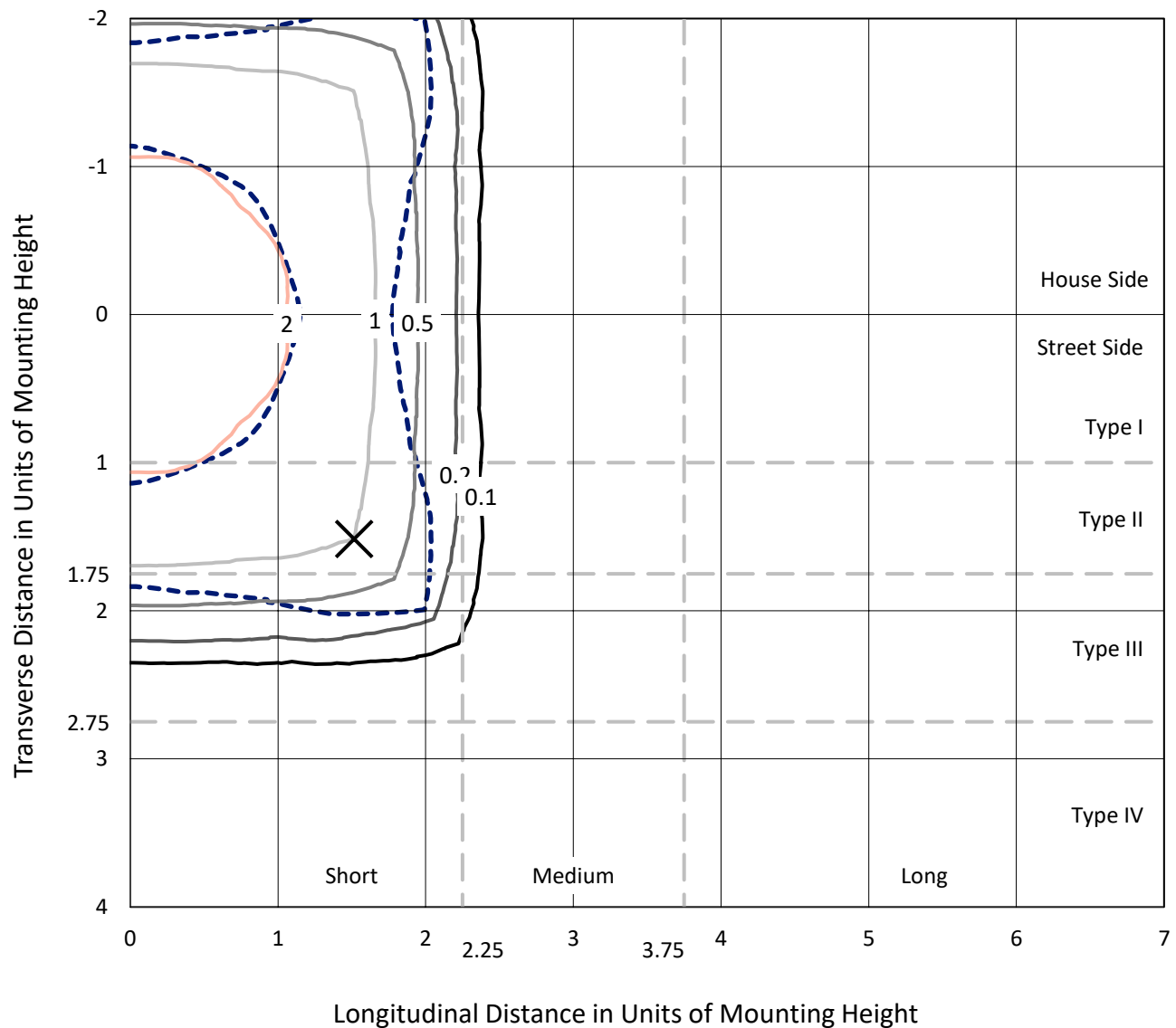
Lumens per Lamp: N/A
Luminaire Lumens: 5615.9 lumens
Efficiency: N/A
Efficacy: 155.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 36.2
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: P672681
 CATALOG NUMBER: CCP-SA-2A-735-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

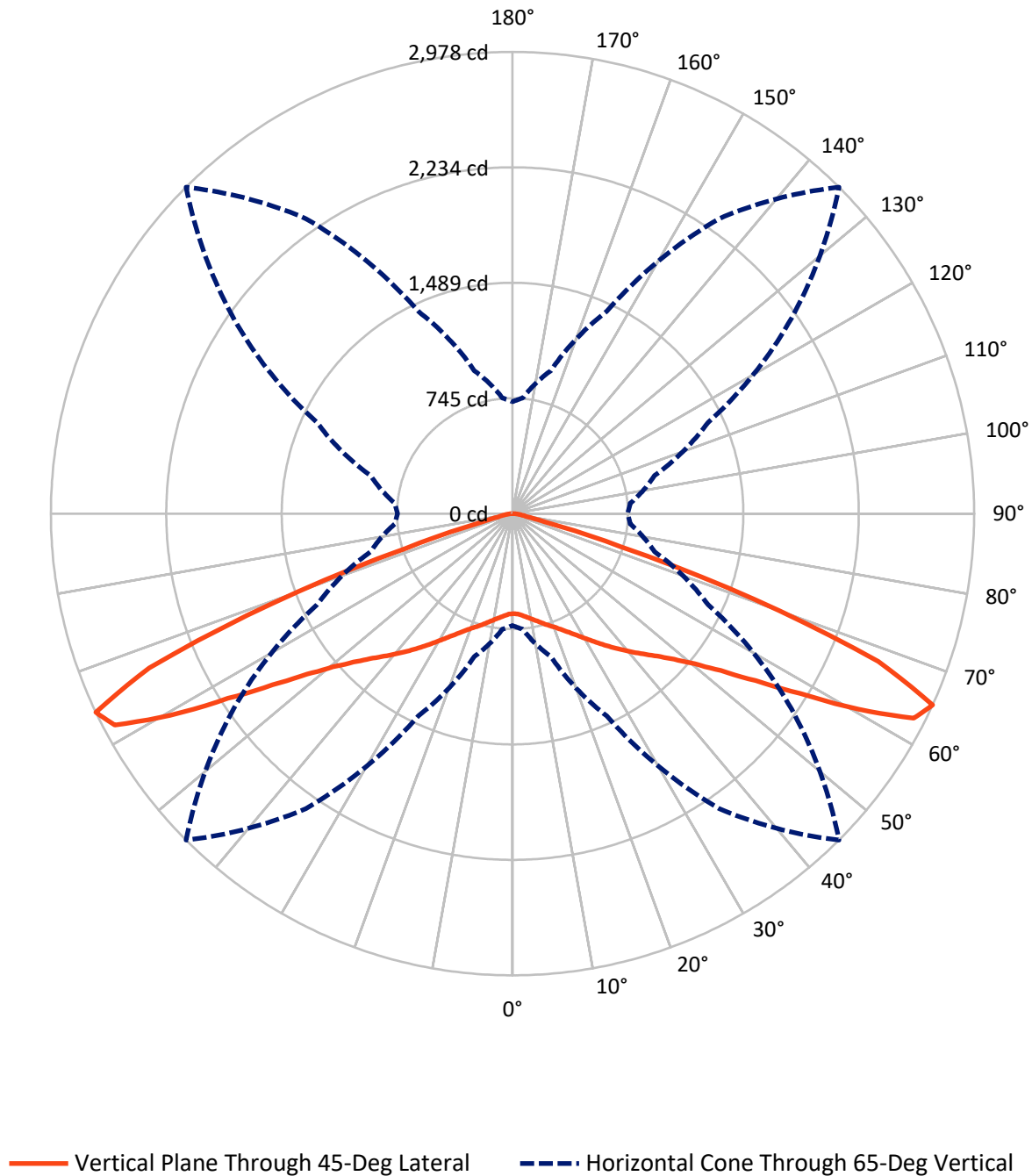


Based on 15 foot mounting height. Maximum calculated value = 2.9 fc
 Type V - Short - N/A

REPORT NUMBER: P672681

CATALOG NUMBER: CCP-SA-2A-735-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672681

CATALOG NUMBER: CCP-SA-2A-735-U-5NQ

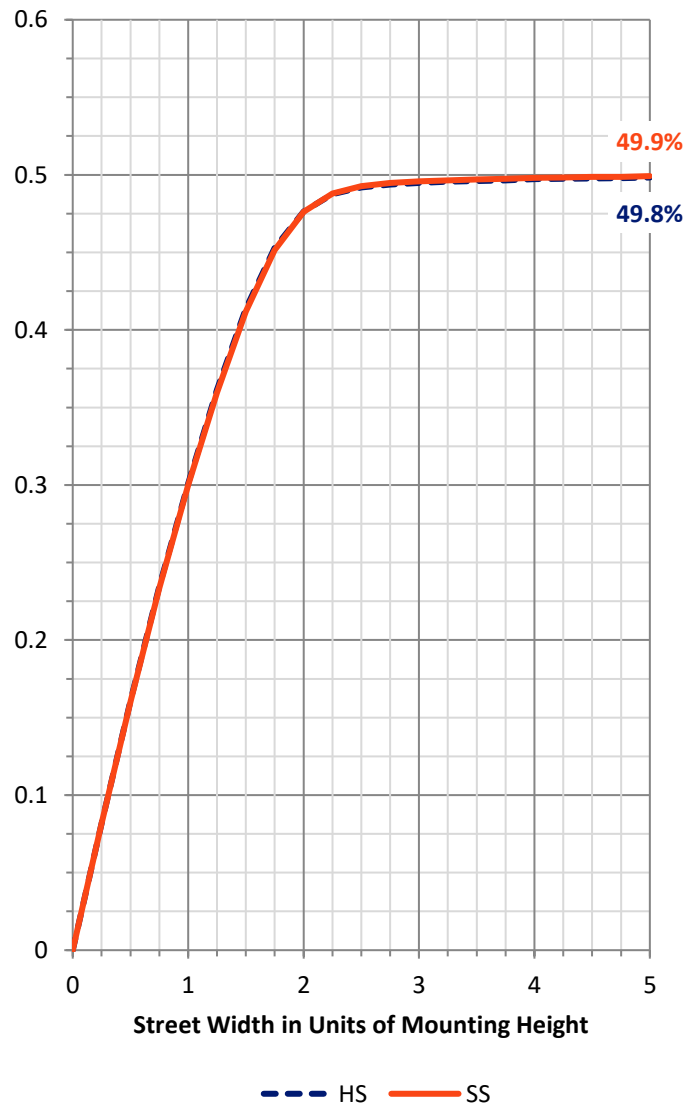
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2807.9	0.0	2807.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2807.9	0.0	2807.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5615.9	0.0	5615.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.9	1.1
10°-20°	208.8	3.7
20°-30°	396.0	7.1
30°-40°	664.1	11.8
40°-50°	1050.8	18.7
50°-60°	1650.8	29.4
60°-70°	1394.8	24.8
70°-80°	162.4	2.9
80°-90°	24.2	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°	5615.9	100.0
0°-180°	5615.9	100.0

Coefficient of Utilization



REPORT NUMBER: P672681

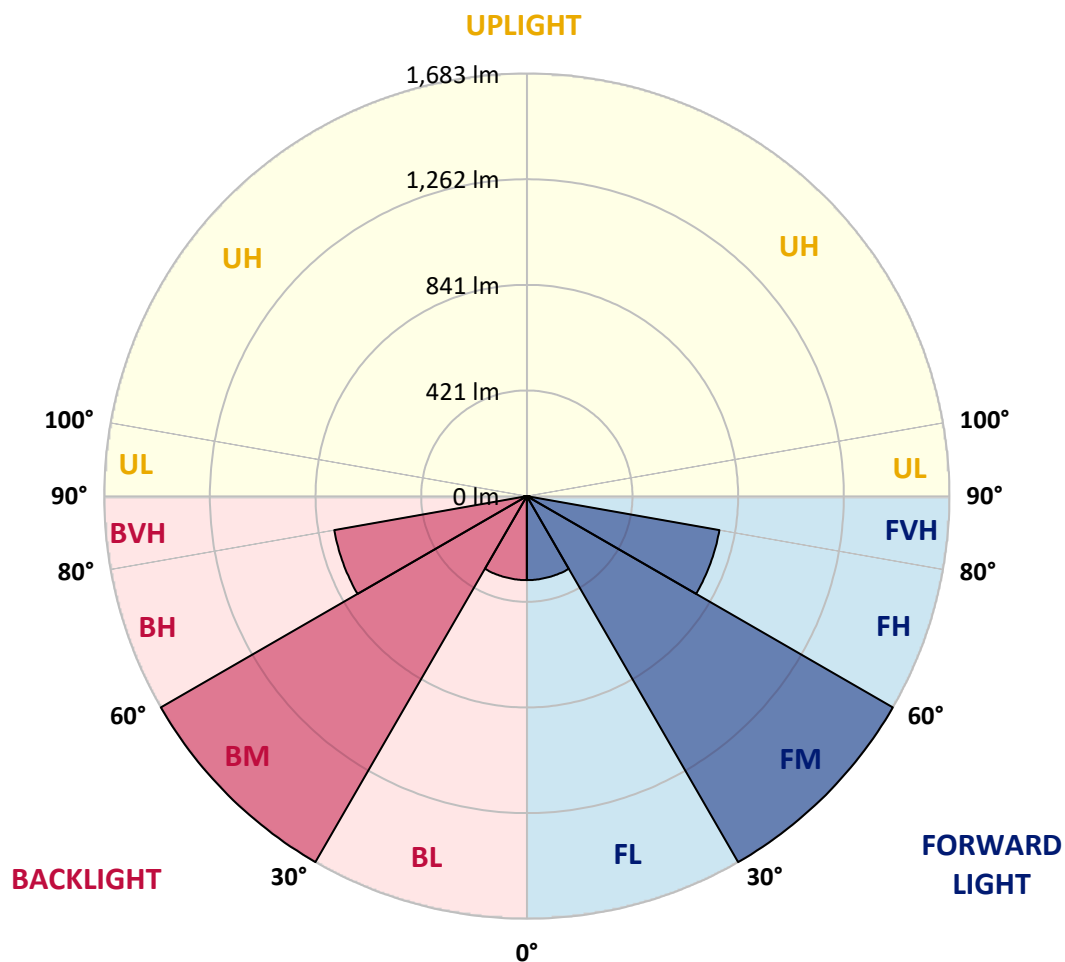
CATALOG NUMBER: CCP-SA-2A-735-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	334.3	6.0			
FM	(30°-60°)	1682.9	30.0			
FH	(60°-80°)	778.6	13.9			G1/1800
FVH	(80°-90°)	12.1	0.2			G1/100
BL	(0°-30°)	334.3	6.0	B1/500		
BM	(30°-60°)	1682.9	30.0	B2/2500		
BH	(60°-80°)	778.6	13.9	B2/1000		G1/1800
BVH	(80°-90°)	12.1	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: P672681

CATALOG NUMBER: CCP-SA-2A-735-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	645.7	645.7	645.7	645.7	645.7	645.7	645.7	645.7	645.7	645.7	645.7
2.5°	649.3	647.3	649.3	649.3	648.1	648.5	646.9	646.5	648.5	646.9	646.5
5°	662.7	661.1	662.7	661.5	659.5	659.9	657.6	656.8	659.1	656.8	657.2
7.5°	678.1	675.3	676.1	677.3	675.3	675.3	673.4	672.2	673.4	671.0	672.6
10°	691.1	688.8	689.9	691.5	691.1	692.3	690.3	689.5	688.4	685.6	688.0
12.5°	708.1	707.3	708.9	710.9	710.1	711.6	707.3	706.1	705.7	702.6	705.3
15°	730.2	728.2	731.0	733.4	732.2	734.9	731.4	729.8	727.8	723.9	726.2
17.5°	752.3	750.7	754.7	755.8	756.2	758.6	755.8	753.5	752.7	749.9	748.3
20°	778.7	776.8	779.9	782.3	780.3	783.1	781.9	780.3	779.5	775.2	774.8
22.5°	808.3	805.6	810.3	813.1	810.3	813.1	810.7	810.3	810.7	804.4	805.2
25°	841.5	841.9	846.6	848.6	847.0	848.6	845.1	847.4	846.2	839.5	837.2
27.5°	884.1	882.5	887.7	893.6	889.7	889.7	888.1	890.4	890.0	883.7	882.2
30°	933.9	933.5	941.0	944.5	939.0	936.6	936.2	942.1	942.5	935.8	933.1
32.5°	986.0	986.0	995.0	999.4	991.5	989.9	988.3	996.2	995.0	986.0	980.0
35°	1043.2	1040.8	1053.1	1059.4	1051.5	1046.7	1046.0	1053.1	1051.5	1038.8	1031.7
37.5°	1099.6	1101.2	1115.4	1122.5	1113.1	1107.1	1109.1	1113.8	1114.2	1100.4	1092.9
40°	1168.7	1169.1	1186.9	1192.4	1180.2	1171.1	1173.8	1184.5	1183.7	1166.7	1157.3
42.5°	1246.1	1244.5	1266.6	1271.3	1254.7	1237.4	1245.7	1262.2	1266.2	1247.2	1237.4
45°	1329.0	1331.3	1354.2	1359.3	1333.3	1311.2	1329.0	1353.8	1358.9	1338.4	1326.2
47.5°	1429.6	1432.4	1460.0	1462.0	1432.4	1403.6	1427.2	1459.6	1461.6	1433.2	1418.9
50°	1544.5	1553.9	1584.7	1588.7	1559.5	1522.4	1556.3	1585.1	1577.6	1539.7	1526.7
52.5°	1674.7	1682.2	1730.4	1746.9	1721.3	1681.4	1708.7	1726.4	1702.3	1652.6	1632.5
55°	1785.6	1798.2	1862.2	1912.7	1932.1	1902.1	1898.9	1872.8	1805.7	1730.0	1709.0
57.5°	1816.8	1829.0	1928.1	2058.4	2173.2	2188.2	2118.7	1988.1	1843.6	1726.8	1705.5
60°	1690.1	1706.7	1851.5	2098.2	2427.8	2563.6	2312.5	1998.0	1745.4	1588.7	1561.8
62.5°	1327.4	1358.2	1545.2	1932.1	2530.4	2905.4	2392.3	1827.9	1448.9	1263.8	1228.3
65°	721.9	748.3	954.8	1439.9	2322.4	2978.4	2196.9	1391.7	947.7	761.8	742.4
67.5°	270.8	290.1	384.8	711.6	1641.9	2546.2	1667.6	796.9	430.2	308.7	281.4
70°	115.3	117.6	139.3	247.9	746.4	1656.6	853.7	270.8	143.7	116.0	112.9
72.5°	82.9	83.3	89.2	109.7	227.3	726.6	258.1	113.7	87.6	78.9	78.9
75°	66.3	66.7	70.3	79.3	107.4	213.9	111.3	79.7	67.9	62.0	61.2
77.5°	52.1	52.9	56.4	62.0	71.8	97.9	75.4	62.8	54.5	48.9	48.2
80°	38.7	39.9	44.6	47.4	50.5	65.1	54.9	48.9	43.4	37.5	36.3
82.5°	25.7	26.8	33.2	35.1	34.7	41.0	37.9	37.5	33.2	24.9	23.7
85°	15.4	16.2	21.3	22.9	21.3	20.1	24.1	26.1	23.3	16.2	15.0
87.5°	6.7	6.7	9.5	9.9	9.5	7.5	11.4	13.4	13.8	8.3	7.5
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)