

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: P672537

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672537
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-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5MQ distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

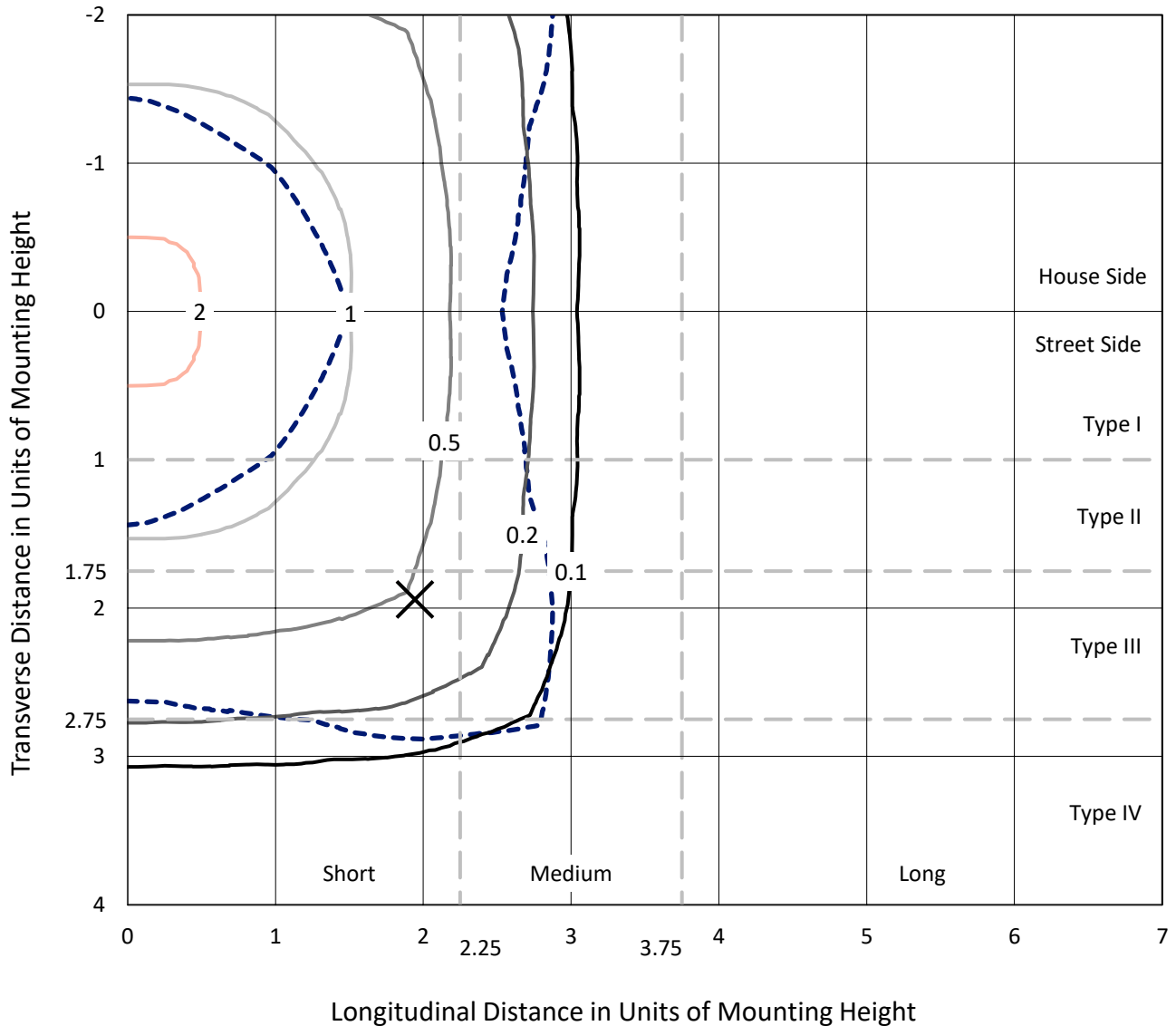
Lumens per Lamp: N/A
Luminaire Lumens: 5570.7 lumens
Efficiency: N/A
Efficacy: 153.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 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: P672537
 CATALOG NUMBER: CCP-SA-2A-735-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

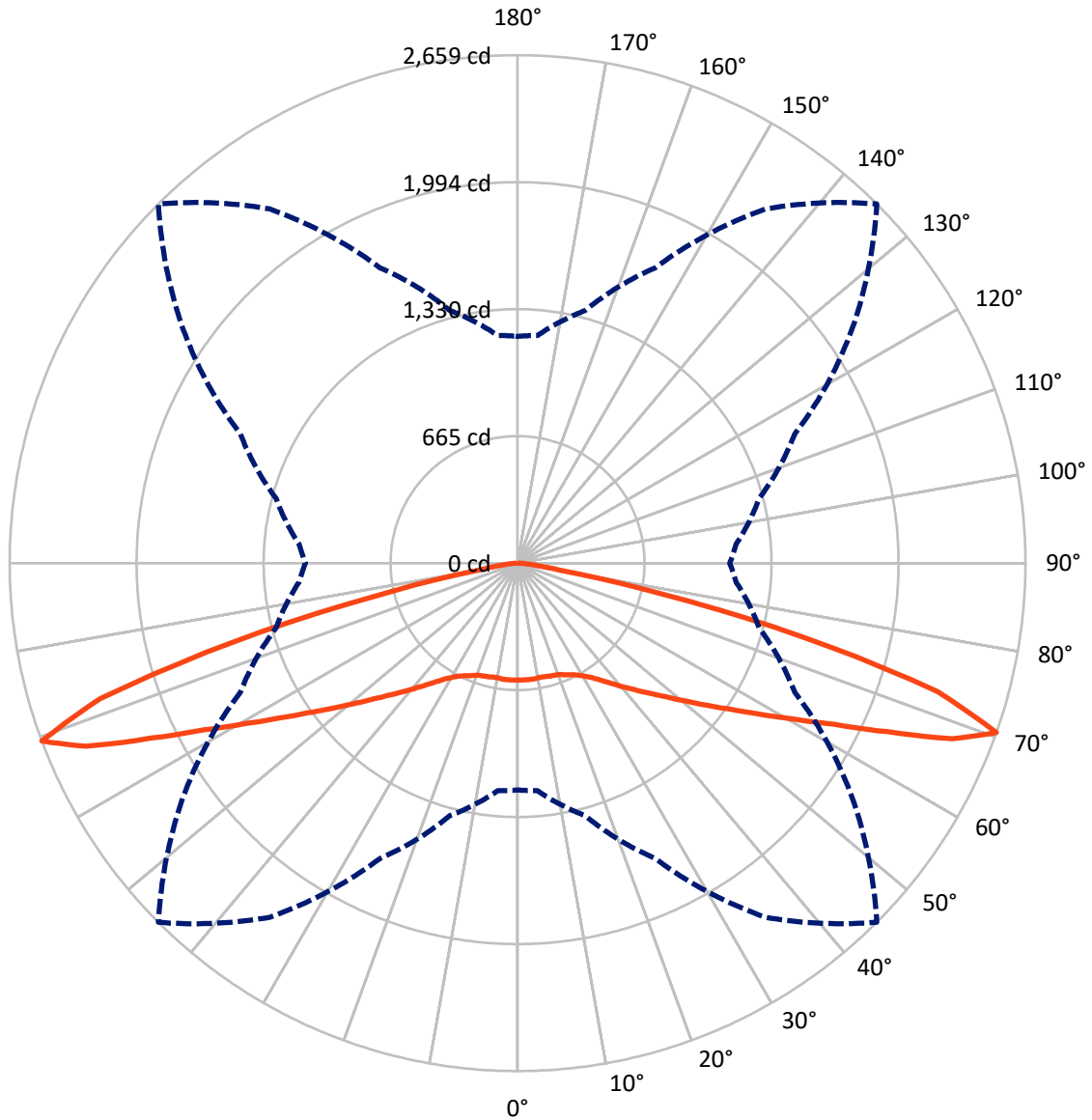
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type V - Short - N/A

REPORT NUMBER: P672537
CATALOG NUMBER: CCP-SA-2A-735-U-5MQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672537
 CATALOG NUMBER: CCP-SA-2A-735-U-5MQ

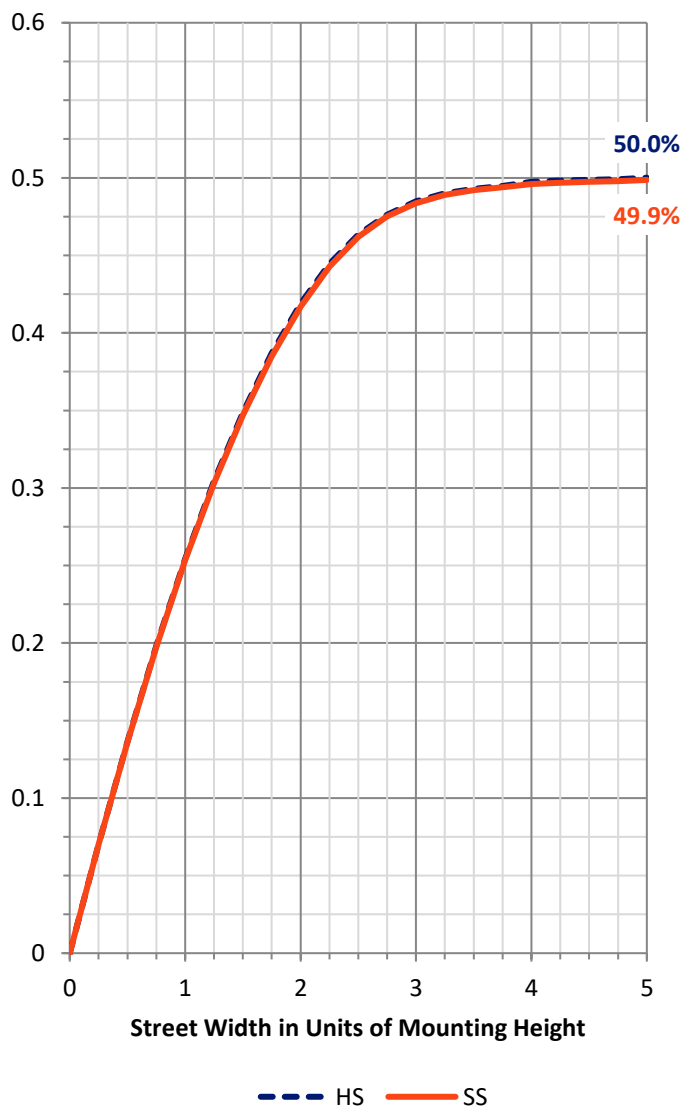
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2785.3	0.0	2785.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2785.3	0.0	2785.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	5570.7	0.0	5570.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.3	1.0
10°-20°	172.5	3.1
20°-30°	294.5	5.3
30°-40°	470.0	8.4
40°-50°	758.4	13.6
50°-60°	1214.4	21.8
60°-70°	1777.9	31.9
70°-80°	781.9	14.0
80°-90°	42.9	0.8
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°	5570.7	100.0
0°-180°	5570.7	100.0



REPORT NUMBER: P672537

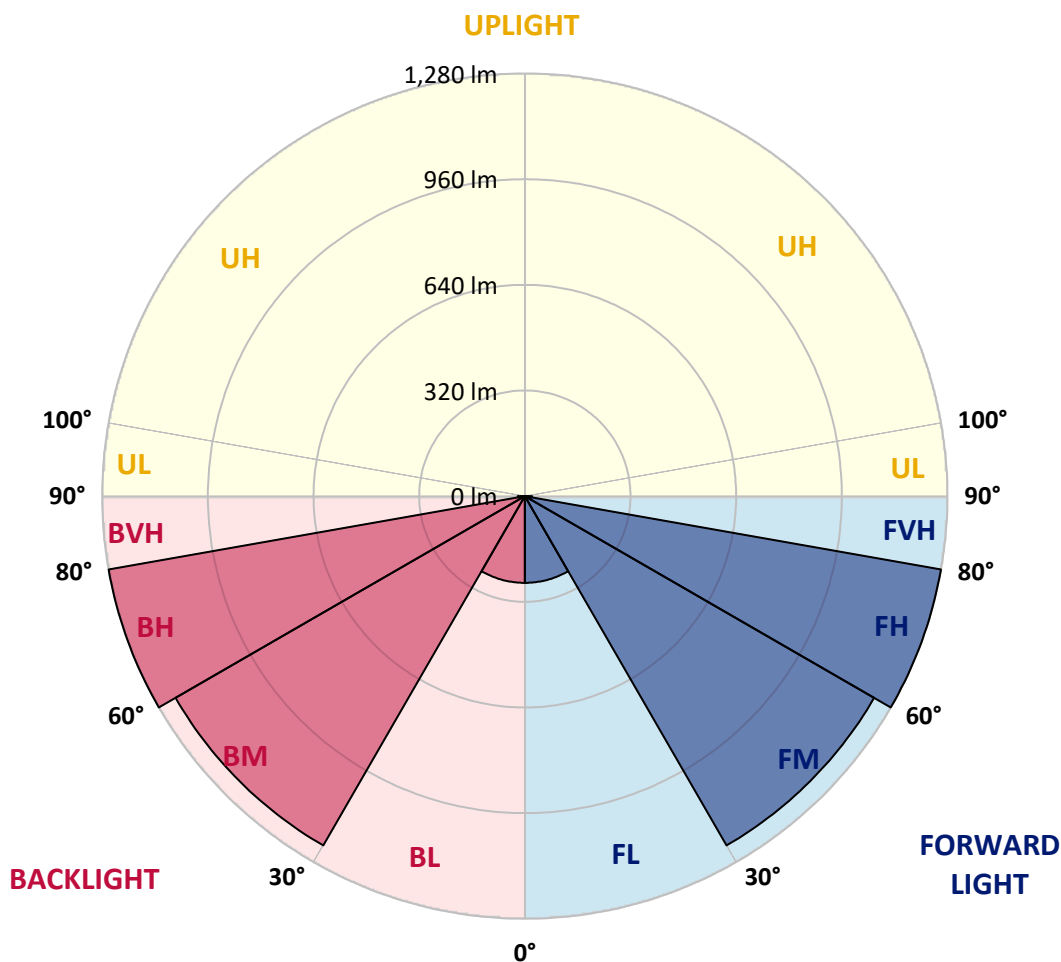
CATALOG NUMBER: CCP-SA-2A-735-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	262.6	4.7			
FM (30°-60°)	1221.4	21.9			
FH (60°-80°)	1279.9	23.0			G1/1800
FVH (80°-90°)	21.4	0.4			G1/100
BL (0°-30°)	262.6	4.7	B1/500		
BM (30°-60°)	1221.4	21.9	B2/2500		
BH (60°-80°)	1279.9	23.0	B3/2500		G1/1800
BVH (80°-90°)	21.4	0.4			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





REPORT NUMBER: P672537
 CATALOG NUMBER: CCP-SA-2A-735-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6
2.5°	611.8	611.4	612.2	612.6	611.8	612.2	609.8	609.8	611.0	609.8	611.4
5°	614.6	613.8	614.6	614.6	612.6	612.6	609.8	609.0	609.8	607.9	609.4
7.5°	615.0	613.4	614.6	614.2	612.6	612.6	608.6	607.1	607.5	605.5	606.7
10°	611.0	610.2	611.8	611.0	609.8	609.8	606.7	604.3	604.3	602.3	603.5
12.5°	608.6	607.9	609.8	610.2	609.4	609.8	605.9	602.7	601.5	599.2	600.0
15°	608.6	607.1	610.2	611.0	611.8	614.6	608.6	603.1	600.8	597.6	598.4
17.5°	608.3	607.5	611.0	613.8	614.6	617.7	611.0	605.1	602.3	597.6	598.4
20°	608.3	607.9	612.2	617.3	619.7	622.5	615.4	609.8	605.1	600.0	600.0
22.5°	610.2	609.8	615.7	623.2	630.0	634.7	626.4	617.3	611.0	604.3	603.5
25°	618.5	617.7	624.8	633.9	643.0	647.7	639.4	630.4	621.3	613.8	613.0
27.5°	635.5	635.1	642.2	653.2	659.6	663.1	656.0	648.1	639.0	630.4	630.0
30°	658.4	658.4	667.5	678.9	682.5	685.2	678.1	672.6	663.1	653.6	652.9
32.5°	686.0	687.6	698.2	710.9	713.2	714.8	707.3	703.8	693.5	683.2	681.7
35°	722.3	722.7	735.7	748.4	751.5	753.1	744.4	741.3	731.8	720.7	718.4
37.5°	768.5	767.3	779.6	793.8	796.9	798.9	791.8	789.4	777.6	766.5	763.0
40°	820.2	821.0	834.8	848.2	850.2	851.0	847.4	843.9	832.8	820.2	815.9
42.5°	880.2	880.2	896.4	912.2	912.2	908.2	906.7	905.9	895.2	881.0	876.3
45°	948.9	949.7	969.8	981.6	982.4	971.8	973.4	978.1	967.8	949.7	943.4
47.5°	1024.3	1025.5	1049.1	1062.2	1059.8	1046.0	1054.7	1057.0	1045.2	1021.9	1013.6
50°	1103.6	1107.2	1133.6	1156.5	1153.3	1133.2	1144.7	1145.5	1126.1	1099.3	1087.8
52.5°	1189.3	1197.6	1232.7	1257.2	1260.3	1235.1	1244.9	1244.1	1219.3	1182.6	1175.1
55°	1295.4	1300.2	1334.9	1369.6	1381.5	1350.3	1361.4	1355.8	1322.3	1280.4	1267.8
57.5°	1401.6	1408.7	1453.3	1492.4	1516.1	1489.6	1492.0	1477.8	1435.6	1385.0	1378.7
60°	1527.5	1530.7	1580.0	1630.9	1672.0	1656.2	1645.2	1615.6	1565.8	1515.3	1506.2
62.5°	1630.6	1636.9	1710.3	1785.3	1854.7	1857.5	1824.0	1779.8	1700.4	1615.9	1597.8
65°	1659.0	1669.2	1772.3	1920.3	2064.7	2129.1	2037.1	1902.1	1724.9	1597.4	1570.2
67.5°	1526.7	1546.5	1693.7	1939.6	2260.1	2453.1	2206.8	1844.1	1596.6	1447.8	1421.8
70°	1187.3	1196.0	1368.9	1706.3	2263.3	2659.2	2138.5	1601.3	1308.9	1149.0	1110.7
72.5°	630.7	635.1	791.0	1149.0	1841.7	2297.2	1767.1	1120.6	770.5	625.2	581.4
75°	203.7	209.2	272.4	470.5	1016.0	1543.7	1042.0	466.2	265.6	214.3	202.9
77.5°	103.8	103.4	114.9	151.6	341.8	756.7	361.6	163.4	114.9	103.0	99.9
80°	64.7	63.5	72.2	82.9	119.6	221.0	129.9	91.6	72.6	62.4	62.0
82.5°	36.7	36.7	48.5	53.3	67.5	91.2	75.8	62.8	49.7	37.1	35.9
85°	20.5	18.2	30.4	33.6	38.7	45.0	46.2	40.7	33.6	20.5	21.3
87.5°	7.5	8.3	14.2	13.4	15.4	10.7	18.9	21.3	18.9	9.9	8.3
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)