

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: P672600

Luminaire Tested: **CCP-SA-1D-835-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672600
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-835-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

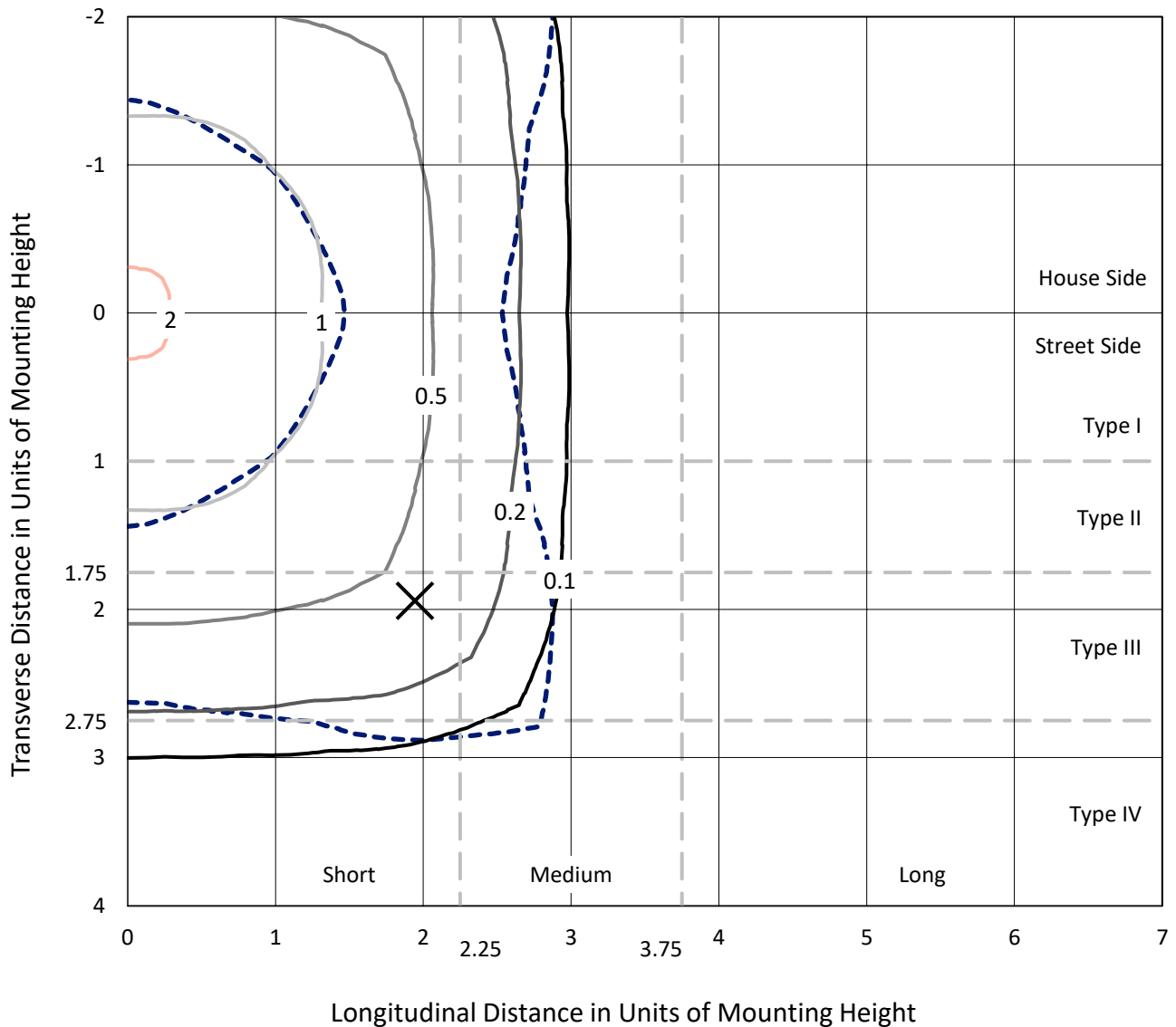
Lumens per Lamp: N/A
Luminaire Lumens: 4743.5 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 44
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: P672600
 CATALOG NUMBER: CCP-SA-1D-835-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

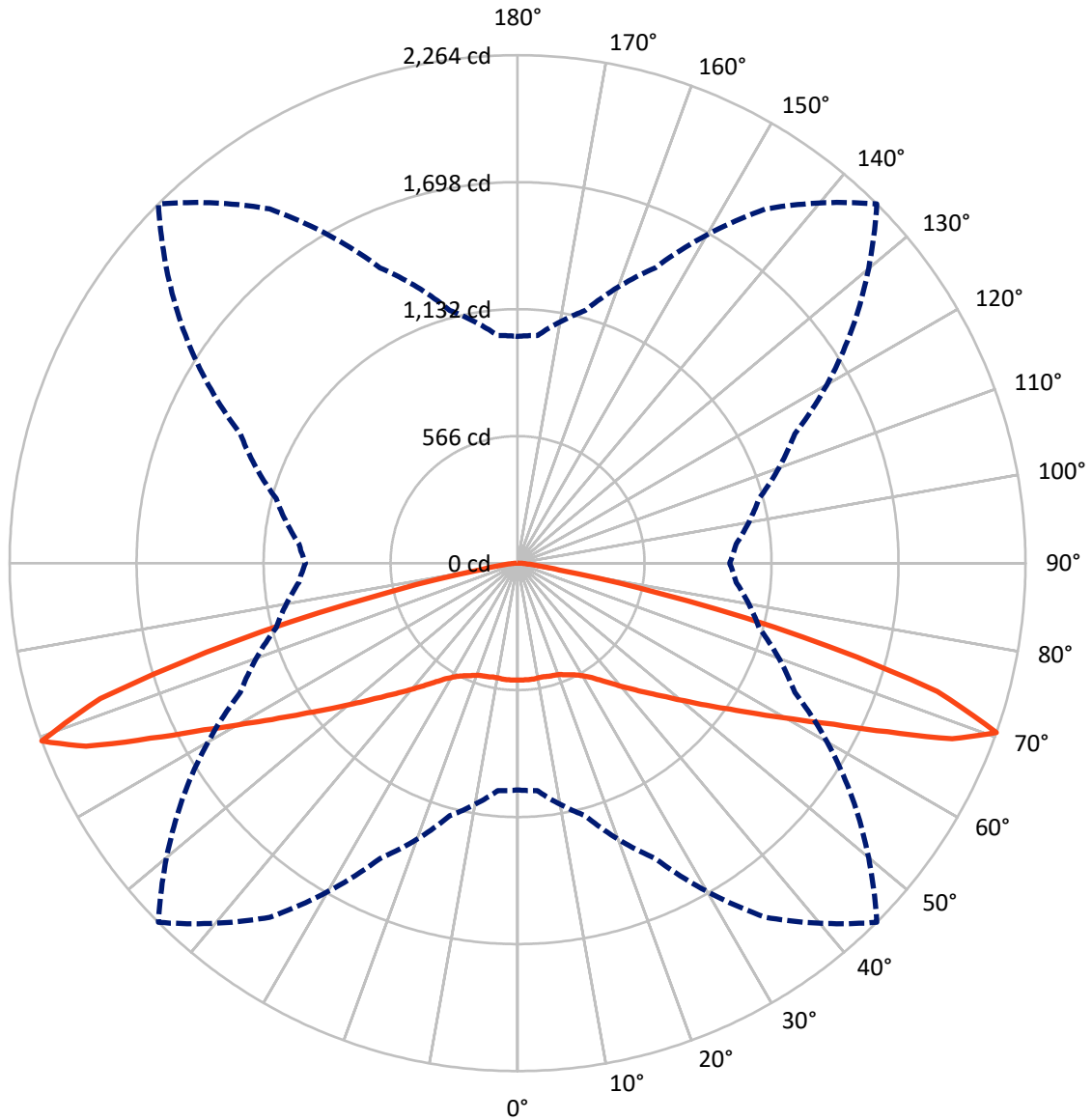
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
 Type V - Short - N/A

REPORT NUMBER: P672600
CATALOG NUMBER: CCP-SA-1D-835-U-5MQ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672600
 CATALOG NUMBER: CCP-SA-1D-835-U-5MQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2371.8	0.0	2371.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2371.8	0.0	2371.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4743.5	0.0	4743.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.6	1.0
10°-20°	146.9	3.1
20°-30°	250.8	5.3
30°-40°	400.2	8.4
40°-50°	645.8	13.6
50°-60°	1034.1	21.8
60°-70°	1513.9	31.9
70°-80°	665.8	14.0
80°-90°	36.5	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°	4743.5	100.0
0°-180°	4743.5	100.0



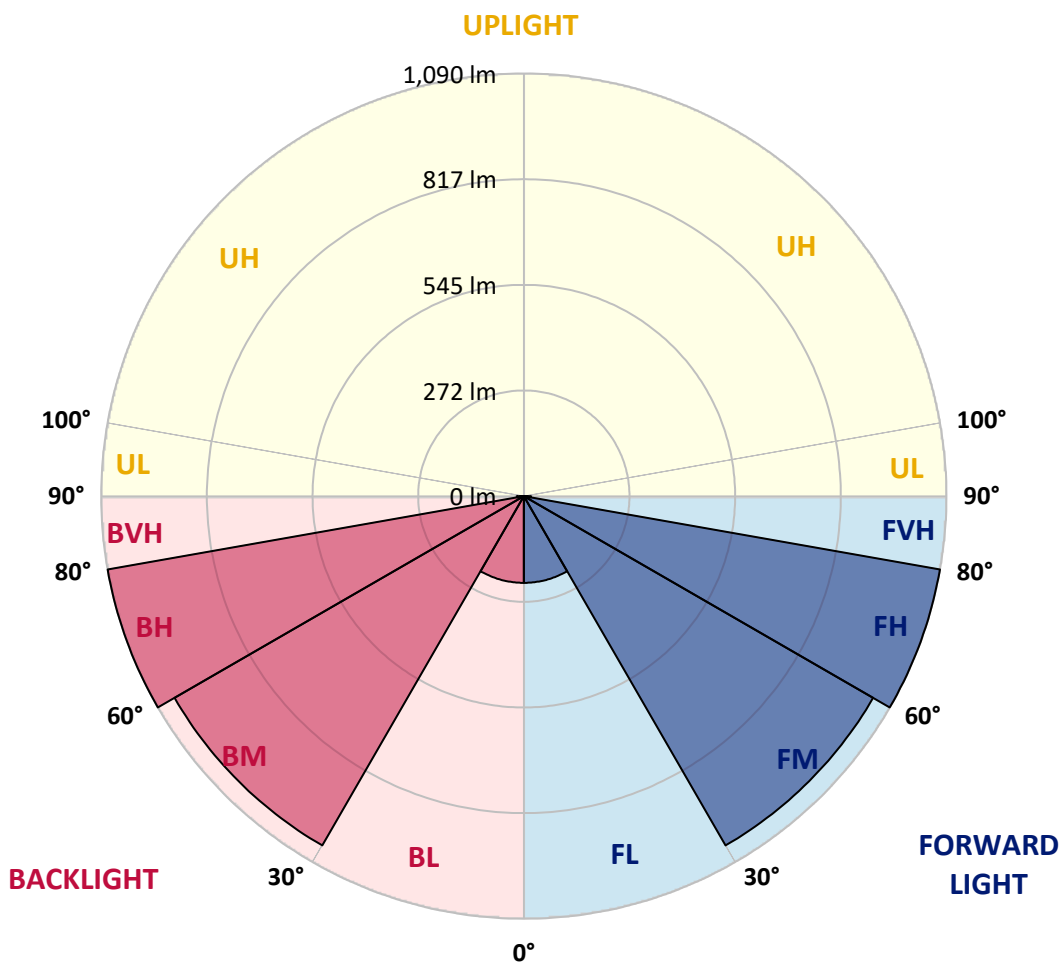
REPORT NUMBER: P672600
 CATALOG NUMBER: CCP-SA-1D-835-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	223.6	4.7			
FM (30°-60°)	1040.1	21.9			
FH (60°-80°)	1089.8	23.0			G1/1800
FVH (80°-90°)	18.2	0.4			G1/100
BL (0°-30°)	223.6	4.7	B1/500		
BM (30°-60°)	1040.1	21.9	B2/2500		
BH (60°-80°)	1089.8	23.0	B3/2500		G1/1800
BVH (80°-90°)	18.2	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: P672600
 CATALOG NUMBER: CCP-SA-1D-835-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6
2.5°	521.0	520.6	521.3	521.6	521.0	521.3	519.3	519.3	520.3	519.3	520.6
5°	523.3	522.6	523.3	523.3	521.6	521.6	519.3	518.6	519.3	517.6	518.9
7.5°	523.6	522.3	523.3	523.0	521.6	521.6	518.3	516.9	517.3	515.6	516.6
10°	520.3	519.6	521.0	520.3	519.3	519.3	516.6	514.6	514.6	512.9	513.9
12.5°	518.3	517.6	519.3	519.6	518.9	519.3	515.9	513.2	512.2	510.2	510.9
15°	518.3	516.9	519.6	520.3	521.0	523.3	518.3	513.6	511.5	508.9	509.5
17.5°	517.9	517.3	520.3	522.6	523.3	526.0	520.3	515.2	512.9	508.9	509.5
20°	517.9	517.6	521.3	525.7	527.7	530.0	524.0	519.3	515.2	510.9	510.9
22.5°	519.6	519.3	524.3	530.7	536.4	540.5	533.4	525.7	520.3	514.6	513.9
25°	526.7	526.0	532.1	539.8	547.5	551.5	544.5	536.8	529.0	522.6	522.0
27.5°	541.1	540.8	546.8	556.3	561.6	564.7	558.6	551.9	544.2	536.8	536.4
30°	560.6	560.6	568.4	578.1	581.1	583.5	577.4	572.7	564.7	556.6	555.9
32.5°	584.1	585.5	594.6	605.3	607.3	608.7	602.3	599.3	590.5	581.8	580.5
35°	615.1	615.4	626.5	637.3	639.9	641.3	633.9	631.2	623.1	613.7	611.7
37.5°	654.4	653.4	663.8	675.9	678.6	680.3	674.2	672.2	662.1	652.7	649.7
40°	698.4	699.1	710.9	722.3	724.0	724.6	721.6	718.6	709.2	698.4	694.7
42.5°	749.5	749.5	763.3	776.7	776.7	773.4	772.0	771.4	762.3	750.2	746.2
45°	808.0	808.7	825.8	835.9	836.6	827.5	828.8	832.9	824.1	808.7	803.3
47.5°	872.2	873.2	893.4	904.5	902.4	890.7	898.1	900.1	890.0	870.2	863.1
50°	939.7	942.8	965.3	984.8	982.1	965.0	974.7	975.4	958.9	936.0	926.3
52.5°	1012.7	1019.7	1049.7	1070.5	1073.2	1051.7	1060.1	1059.4	1038.2	1007.0	1000.6
55°	1103.1	1107.1	1136.7	1166.3	1176.4	1149.8	1159.2	1154.5	1125.9	1090.3	1079.6
57.5°	1193.5	1199.6	1237.5	1270.8	1291.0	1268.5	1270.5	1258.4	1222.4	1179.4	1174.0
60°	1300.7	1303.4	1345.4	1388.8	1423.7	1410.3	1400.9	1375.7	1333.3	1290.3	1282.6
62.5°	1388.4	1393.8	1456.3	1520.2	1579.4	1581.7	1553.1	1515.5	1447.9	1376.0	1360.5
65°	1412.6	1421.4	1509.1	1635.1	1758.2	1812.9	1734.6	1619.7	1468.8	1360.2	1337.0
67.5°	1300.0	1316.9	1442.2	1651.6	1924.5	2088.9	1879.2	1570.3	1359.5	1232.8	1210.6
70°	1011.0	1018.4	1165.6	1453.0	1927.2	2264.3	1821.0	1363.6	1114.5	978.4	945.8
72.5°	537.1	540.8	673.6	978.4	1568.3	1956.1	1504.7	954.2	656.1	532.4	495.1
75°	173.4	178.1	231.9	400.6	865.1	1314.5	887.3	396.9	226.2	182.5	172.8
77.5°	88.4	88.1	97.8	129.1	291.1	644.3	307.9	139.1	97.8	87.7	85.0
80°	55.1	54.1	61.5	70.6	101.8	188.2	110.6	78.0	61.8	53.1	52.8
82.5°	31.3	31.3	41.3	45.4	57.5	77.6	64.5	53.4	42.3	31.6	30.6
85°	17.5	15.5	25.9	28.6	32.9	38.3	39.3	34.6	28.6	17.5	18.1
87.5°	6.4	7.1	12.1	11.4	13.1	9.1	16.1	18.1	16.1	8.4	7.1
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)