

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: P672655

Luminaire Tested: **CCP-SA-1C-727-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672655
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-727-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3934.7 lumens
Efficiency: N/A
Efficacy: 123.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

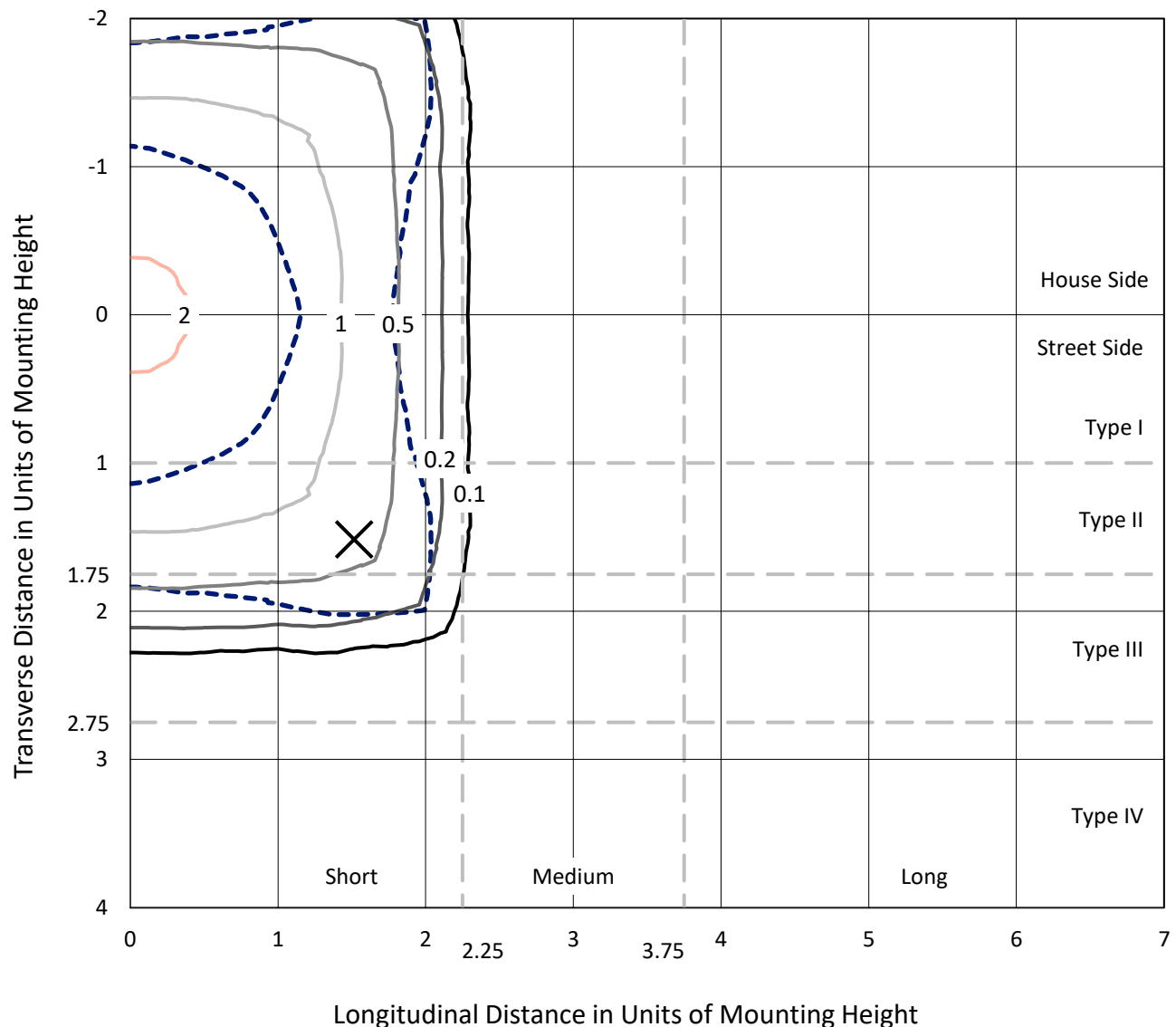
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672655

CATALOG NUMBER: CCP-SA-1C-727-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

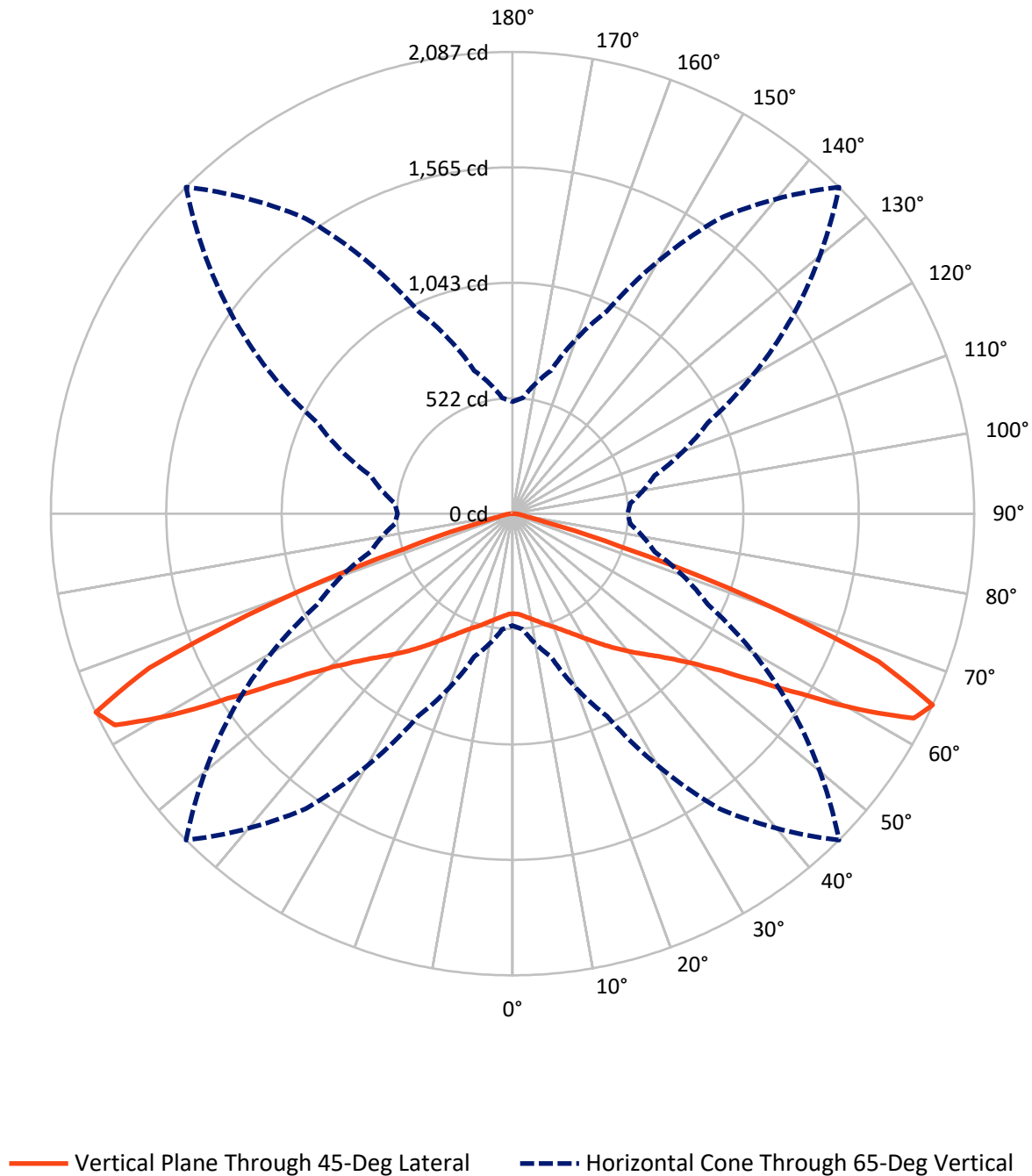
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
 Type V - Short - N/A

REPORT NUMBER: P672655
CATALOG NUMBER: CCP-SA-1C-727-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672655

CATALOG NUMBER: CCP-SA-1C-727-U-5NQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1967.4	0.0	1967.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1967.4	0.0	1967.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	3934.7	0.0	3934.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.8	1.1
10°-20°	146.3	3.7
20°-30°	277.4	7.1
30°-40°	465.3	11.8
40°-50°	736.2	18.7
50°-60°	1156.7	29.4
60°-70°	977.3	24.8
70°-80°	113.8	2.9
80°-90°	16.9	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°	3934.7	100.0
0°-180°	3934.7	100.0

Coefficient of Utilization



REPORT NUMBER: P672655

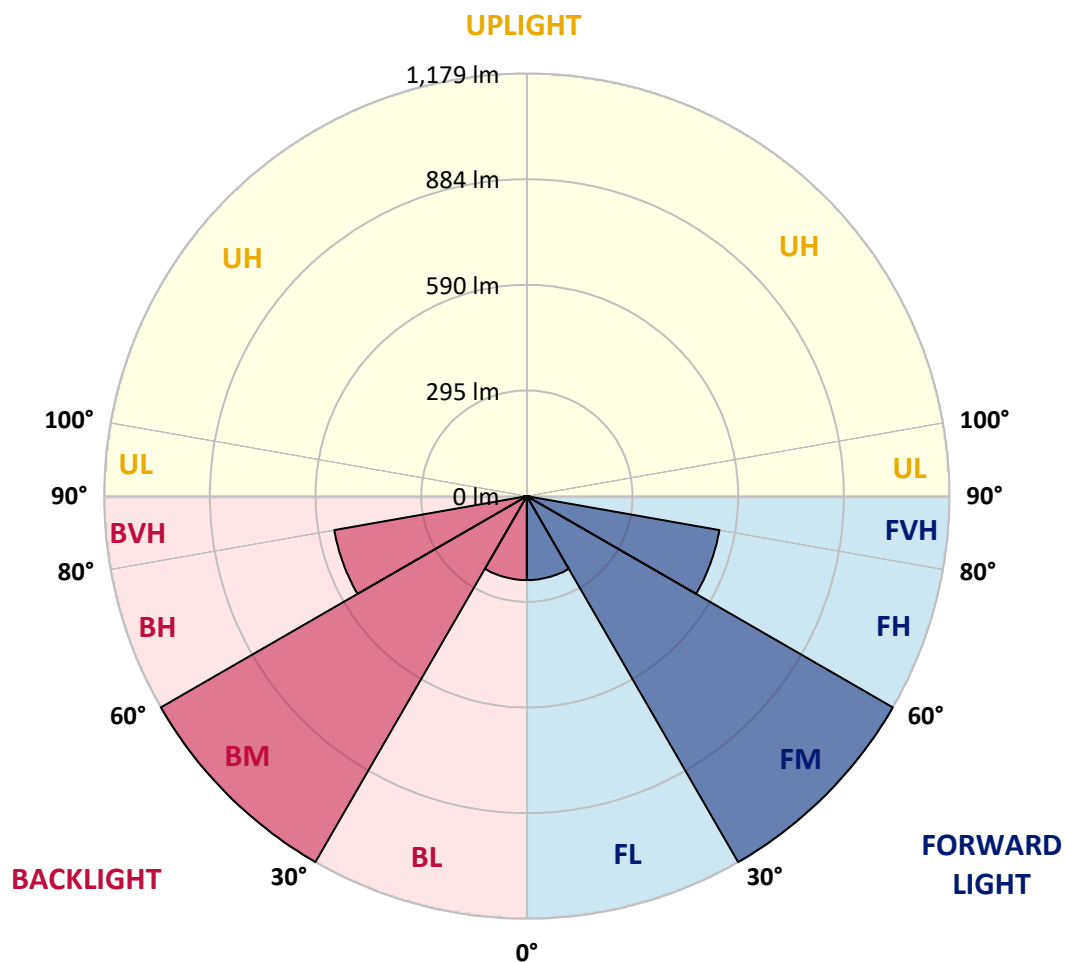
CATALOG NUMBER: CCP-SA-1C-727-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	234.3	6.0			
FM	(30°-60°)	1179.1	30.0			
FH	(60°-80°)	545.5	13.9			G0/660
FVH	(80°-90°)	8.5	0.2			G0/10
BL	(0°-30°)	234.3	6.0	B1/500		
BM	(30°-60°)	1179.1	30.0	B2/2500		
BH	(60°-80°)	545.5	13.9	B2/1000		G0/660
BVH	(80°-90°)	8.5	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





REPORT NUMBER: P672655

CATALOG NUMBER: CCP-SA-1C-727-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	452.4	452.4	452.4	452.4	452.4	452.4	452.4	452.4	452.4	452.4	452.4
2.5°	454.9	453.5	454.9	454.9	454.1	454.4	453.3	453.0	454.4	453.3	453.0
5°	464.3	463.2	464.3	463.5	462.1	462.4	460.7	460.2	461.8	460.2	460.4
7.5°	475.1	473.2	473.7	474.5	473.2	473.2	471.8	471.0	471.8	470.1	471.2
10°	484.2	482.6	483.4	484.5	484.2	485.1	483.7	483.1	482.3	480.4	482.0
12.5°	496.1	495.6	496.7	498.1	497.5	498.6	495.6	494.7	494.5	492.2	494.2
15°	511.6	510.2	512.2	513.8	513.0	514.9	512.4	511.3	509.9	507.2	508.8
17.5°	527.1	526.0	528.7	529.6	529.9	531.5	529.6	527.9	527.4	525.4	524.3
20°	545.6	544.2	546.4	548.1	546.7	548.7	547.8	546.7	546.2	543.1	542.9
22.5°	566.4	564.4	567.7	569.7	567.7	569.7	568.0	567.7	568.0	563.6	564.1
25°	589.6	589.9	593.2	594.6	593.5	594.6	592.1	593.7	592.9	588.2	586.5
27.5°	619.5	618.3	621.9	626.1	623.3	623.3	622.2	623.9	623.6	619.2	618.1
30°	654.3	654.0	659.3	661.8	657.9	656.2	656.0	660.1	660.4	655.7	653.7
32.5°	690.8	690.8	697.2	700.2	694.7	693.6	692.5	698.0	697.2	690.8	686.7
35°	730.9	729.2	737.8	742.2	736.7	733.4	732.8	737.8	736.7	727.9	722.9
37.5°	770.4	771.6	781.5	786.5	779.9	775.7	777.1	780.4	780.7	771.0	765.7
40°	818.8	819.1	831.6	835.4	826.9	820.5	822.4	829.9	829.4	817.5	810.8
42.5°	873.0	871.9	887.4	890.7	879.1	867.0	872.8	884.4	887.1	873.9	867.0
45°	931.1	932.8	948.8	952.4	934.2	918.7	931.1	948.5	952.1	937.8	929.2
47.5°	1001.6	1003.6	1022.9	1024.3	1003.6	983.4	1000.0	1022.7	1024.0	1004.1	994.2
50°	1082.1	1088.7	1110.3	1113.1	1092.6	1066.6	1090.4	1110.6	1105.3	1078.8	1069.7
52.5°	1173.4	1178.6	1212.4	1224.0	1206.0	1178.1	1197.2	1209.6	1192.7	1157.9	1143.8
55°	1251.1	1259.9	1304.7	1340.1	1353.7	1332.7	1330.4	1312.2	1265.2	1212.1	1197.4
57.5°	1272.9	1281.5	1350.9	1442.2	1522.6	1533.2	1484.5	1392.9	1291.7	1209.9	1194.9
60°	1184.2	1195.8	1297.3	1470.1	1701.0	1796.1	1620.3	1399.9	1222.9	1113.1	1094.3
62.5°	930.0	951.6	1082.7	1353.7	1772.9	2035.6	1676.1	1280.7	1015.2	885.5	860.6
65°	505.8	524.3	669.0	1008.8	1627.2	2086.8	1539.2	975.1	664.0	533.7	520.2
67.5°	189.7	203.3	269.6	498.6	1150.4	1784.0	1168.4	558.3	301.4	216.3	197.2
70°	80.8	82.4	97.6	173.7	522.9	1160.7	598.2	189.7	100.7	81.3	79.1
72.5°	58.1	58.4	62.5	76.9	159.3	509.1	180.9	79.6	61.4	55.3	55.3
75°	46.5	46.7	49.2	55.6	75.2	149.9	78.0	55.9	47.6	43.4	42.9
77.5°	36.5	37.1	39.5	43.4	50.3	68.6	52.8	44.0	38.2	34.3	33.7
80°	27.1	27.9	31.2	33.2	35.4	45.6	38.4	34.3	30.4	26.3	25.4
82.5°	18.0	18.8	23.2	24.6	24.3	28.8	26.5	26.3	23.2	17.4	16.6
85°	10.8	11.3	14.9	16.0	14.9	14.1	16.9	18.3	16.3	11.3	10.5
87.5°	4.7	4.7	6.6	6.9	6.6	5.3	8.0	9.4	9.7	5.8	5.3
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)