

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: P672664

Luminaire Tested: **CCP-SA-1A-730-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672664
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

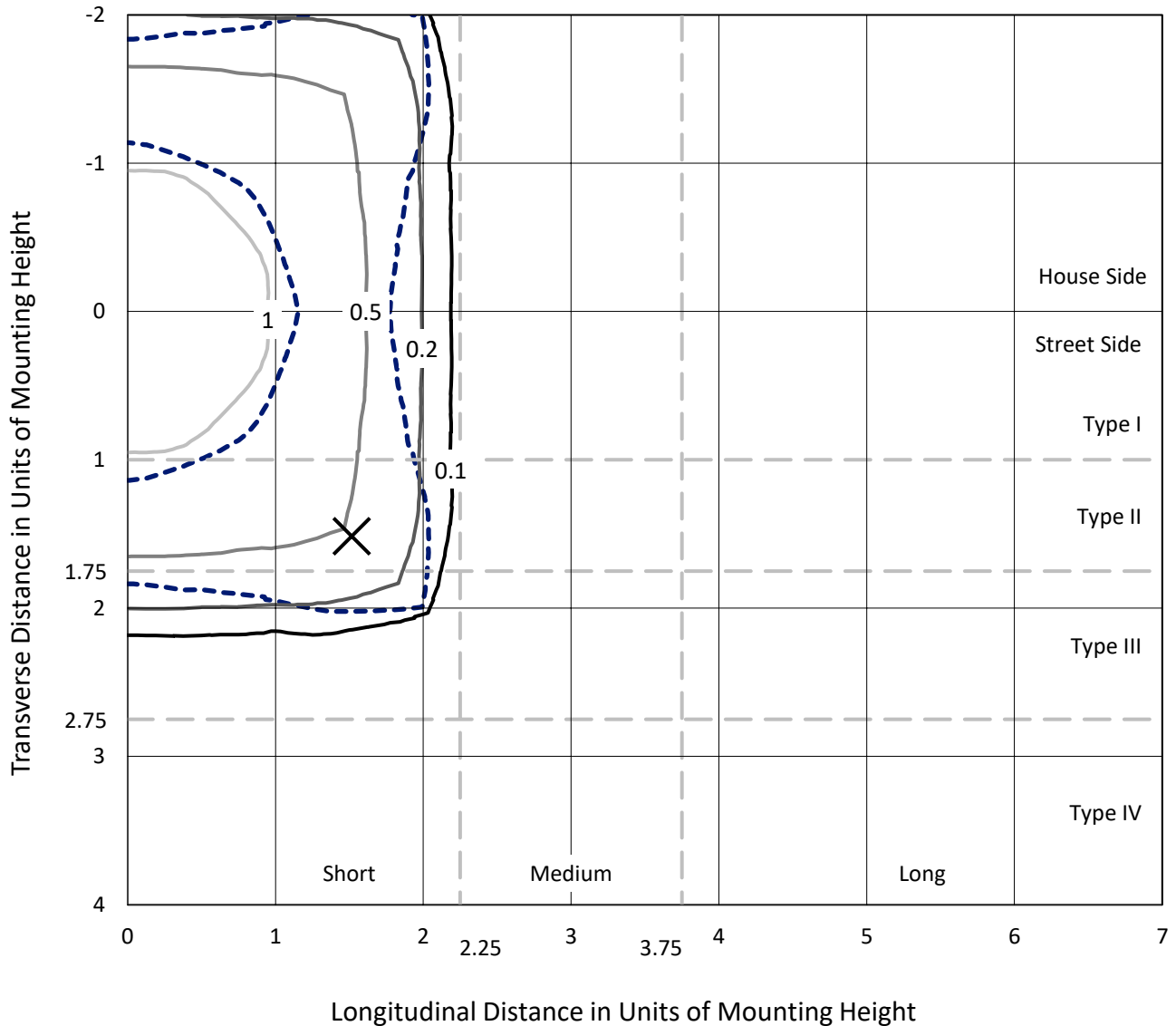
Lumens per Lamp: N/A
Luminaire Lumens: 2592.4 lumens
Efficiency: N/A
Efficacy: 144.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

Input Watts (W): 18
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: P672664
 CATALOG NUMBER: CCP-SA-1A-730-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

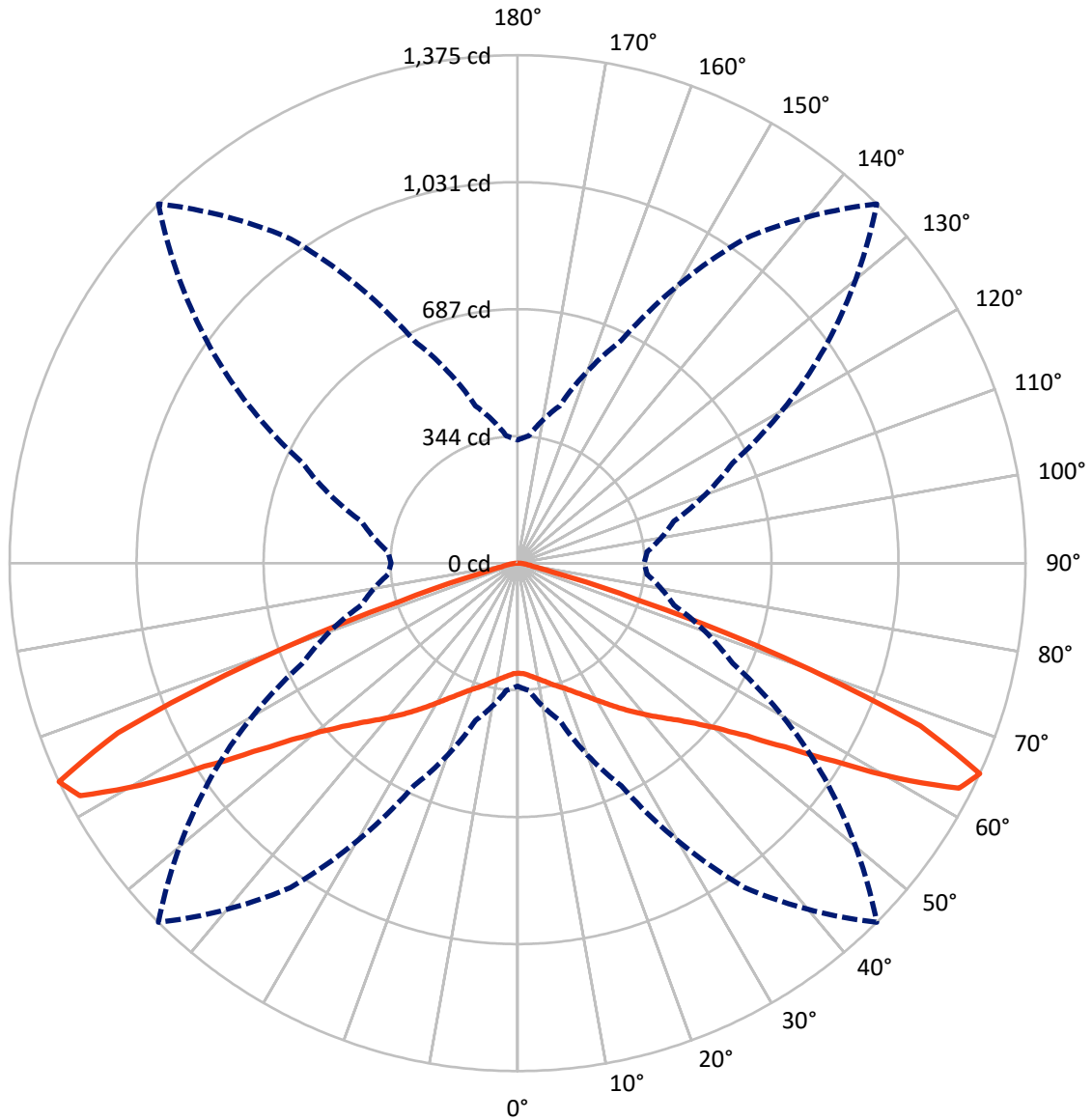
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.4 fc
 Type V - Short - N/A

REPORT NUMBER: P672664
CATALOG NUMBER: CCP-SA-1A-730-U-5NQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P672664
 CATALOG NUMBER: CCP-SA-1A-730-U-5NQ

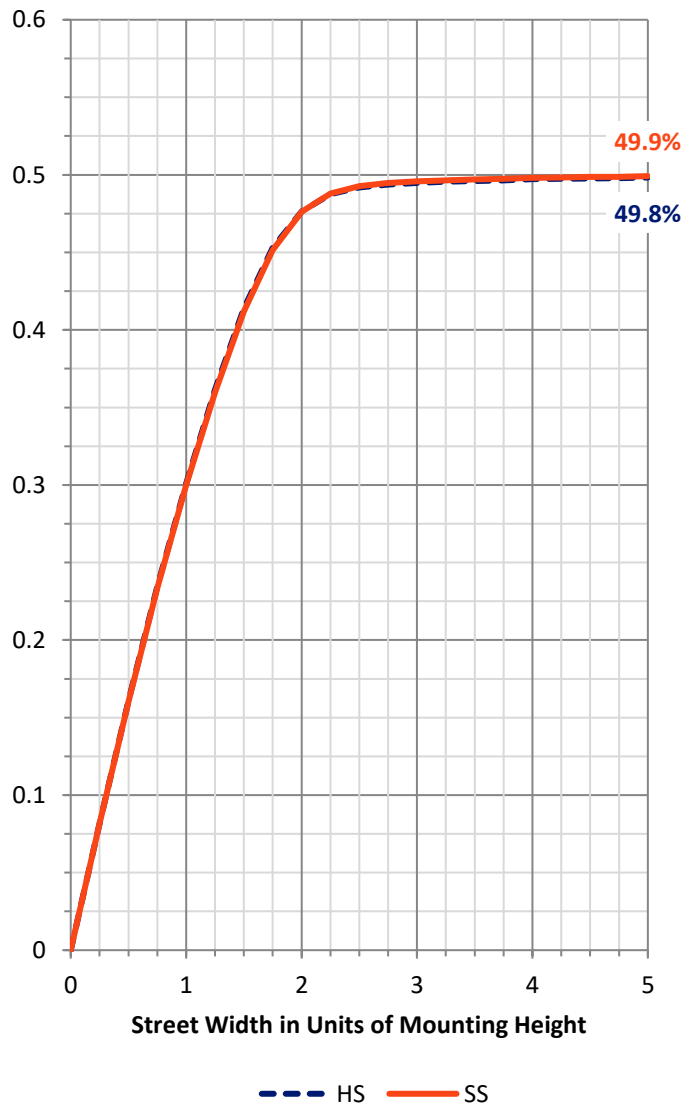
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1296.2	0.0	1296.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1296.2	0.0	1296.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	2592.4	0.0	2592.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.5	1.1
10°-20°	96.4	3.7
20°-30°	182.8	7.1
30°-40°	306.6	11.8
40°-50°	485.1	18.7
50°-60°	762.1	29.4
60°-70°	643.9	24.8
70°-80°	75.0	2.9
80°-90°	11.2	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°	2592.4	100.0
0°-180°	2592.4	100.0



REPORT NUMBER: P672664

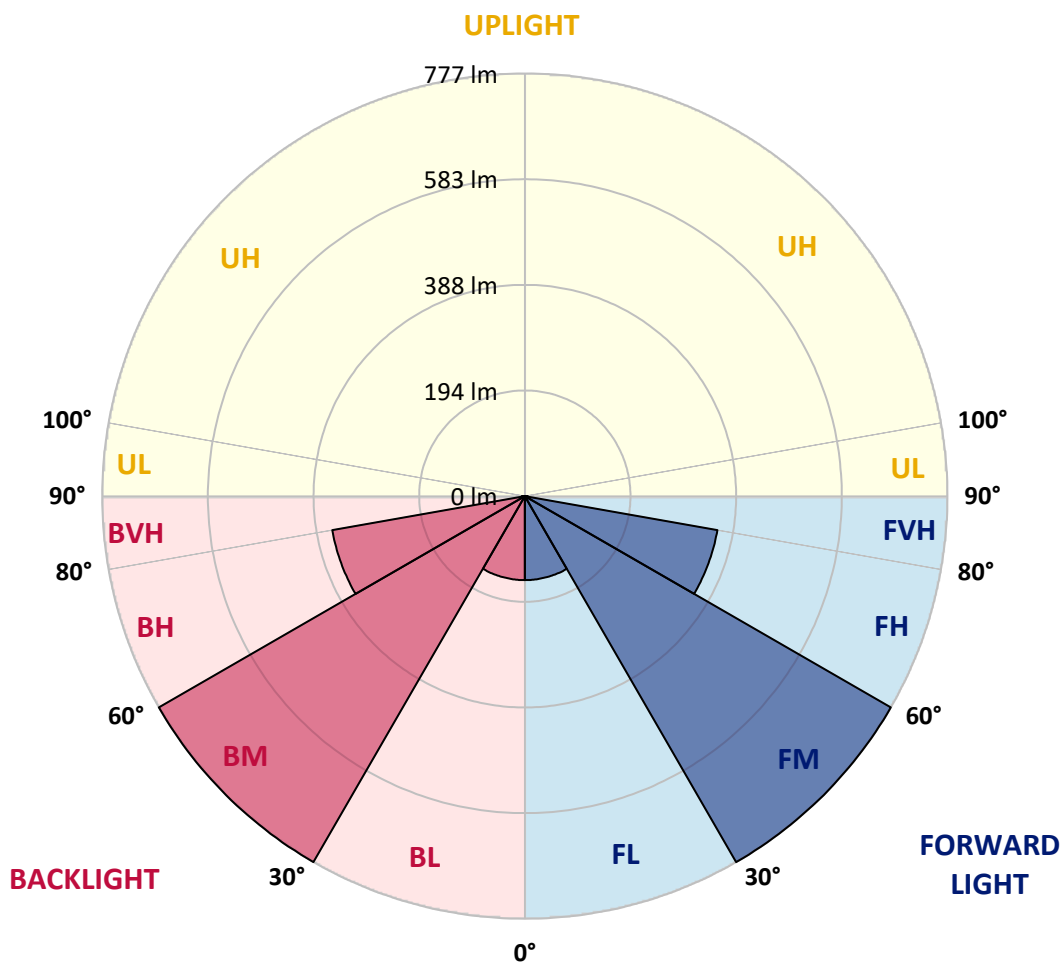
CATALOG NUMBER: CCP-SA-1A-730-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	154.3	6.0			
FM (30°-60°)	776.9	30.0			
FH (60°-80°)	359.4	13.9			G0/660
FVH (80°-90°)	5.6	0.2			G0/10
BL (0°-30°)	154.3	6.0	B1/500		
BM (30°-60°)	776.9	30.0	B1/1000		
BH (60°-80°)	359.4	13.9	B1/500		G0/660
BVH (80°-90°)	5.6	0.2			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short





REPORT NUMBER: P672664
 CATALOG NUMBER: CCP-SA-1A-730-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	298.1	298.1	298.1	298.1	298.1	298.1	298.1	298.1	298.1	298.1	298.1
2.5°	299.7	298.8	299.7	299.7	299.2	299.4	298.6	298.4	299.4	298.6	298.4
5°	305.9	305.2	305.9	305.4	304.5	304.6	303.5	303.2	304.3	303.2	303.4
7.5°	313.0	311.7	312.1	312.7	311.7	311.7	310.8	310.3	310.8	309.7	310.5
10°	319.0	317.9	318.5	319.2	319.0	319.6	318.7	318.3	317.8	316.5	317.6
12.5°	326.9	326.5	327.2	328.1	327.8	328.5	326.5	326.0	325.8	324.3	325.6
15°	337.1	336.2	337.4	338.5	338.0	339.3	337.6	336.9	336.0	334.2	335.3
17.5°	347.3	346.5	348.4	348.9	349.1	350.2	348.9	347.8	347.5	346.2	345.5
20°	359.5	358.6	360.0	361.1	360.2	361.5	360.9	360.2	359.9	357.8	357.7
22.5°	373.2	371.9	374.1	375.3	374.1	375.3	374.2	374.1	374.2	371.3	371.7
25°	388.5	388.6	390.8	391.7	391.0	391.7	390.1	391.2	390.6	387.5	386.5
27.5°	408.1	407.4	409.8	412.5	410.7	410.7	410.0	411.0	410.9	408.0	407.2
30°	431.1	430.9	434.4	436.0	433.5	432.4	432.2	434.9	435.1	432.0	430.7
32.5°	455.1	455.1	459.3	461.3	457.7	457.0	456.2	459.9	459.3	455.1	452.4
35°	481.6	480.5	486.1	489.0	485.4	483.2	482.8	486.1	485.4	479.6	476.3
37.5°	507.6	508.3	514.9	518.2	513.8	511.1	512.0	514.2	514.4	508.0	504.5
40°	539.5	539.7	547.9	550.4	544.8	540.6	541.9	546.8	546.4	538.6	534.2
42.5°	575.2	574.5	584.7	586.9	579.2	571.2	575.0	582.7	584.5	575.8	571.2
45°	613.5	614.6	625.1	627.5	615.5	605.3	613.5	625.0	627.3	617.8	612.2
47.5°	659.9	661.2	674.0	674.9	661.2	647.9	658.8	673.8	674.7	661.6	655.0
50°	713.0	717.3	731.5	733.4	719.9	702.8	718.4	731.7	728.3	710.8	704.8
52.5°	773.1	776.5	798.8	806.4	794.6	776.2	788.8	797.0	785.8	762.9	753.6
55°	824.3	830.1	859.6	883.0	891.9	878.0	876.6	864.6	833.6	798.6	788.9
57.5°	838.7	844.3	890.1	950.2	1003.2	1010.1	978.1	917.8	851.1	797.1	787.3
60°	780.2	787.8	854.7	968.6	1120.7	1183.4	1067.5	922.3	805.7	733.4	721.0
62.5°	612.7	627.0	713.3	891.9	1168.1	1341.2	1104.3	843.8	668.9	583.4	567.0
65°	333.2	345.5	440.7	664.7	1072.1	1374.9	1014.1	642.4	437.5	351.7	342.7
67.5°	125.0	133.9	177.6	328.5	758.0	1175.4	769.8	367.9	198.6	142.5	129.9
70°	53.2	54.3	64.3	114.4	344.5	764.7	394.1	125.0	66.3	53.6	52.1
72.5°	38.3	38.4	41.2	50.7	104.9	335.4	119.2	52.5	40.4	36.4	36.4
75°	30.6	30.8	32.4	36.6	49.6	98.8	51.4	36.8	31.3	28.6	28.2
77.5°	24.1	24.4	26.1	28.6	33.2	45.2	34.8	29.0	25.1	22.6	22.2
80°	17.9	18.4	20.6	21.9	23.3	30.1	25.3	22.6	20.0	17.3	16.8
82.5°	11.8	12.4	15.3	16.2	16.0	18.9	17.5	17.3	15.3	11.5	10.9
85°	7.1	7.5	9.8	10.6	9.8	9.3	11.1	12.0	10.7	7.5	6.9
87.5°	3.1	3.1	4.4	4.6	4.4	3.5	5.3	6.2	6.4	3.8	3.5
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)