

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: P672809

Luminaire Tested: **CCP-SA-1B-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672809
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-730-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3199.1 lumens
Efficiency: N/A
Efficacy: 133.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

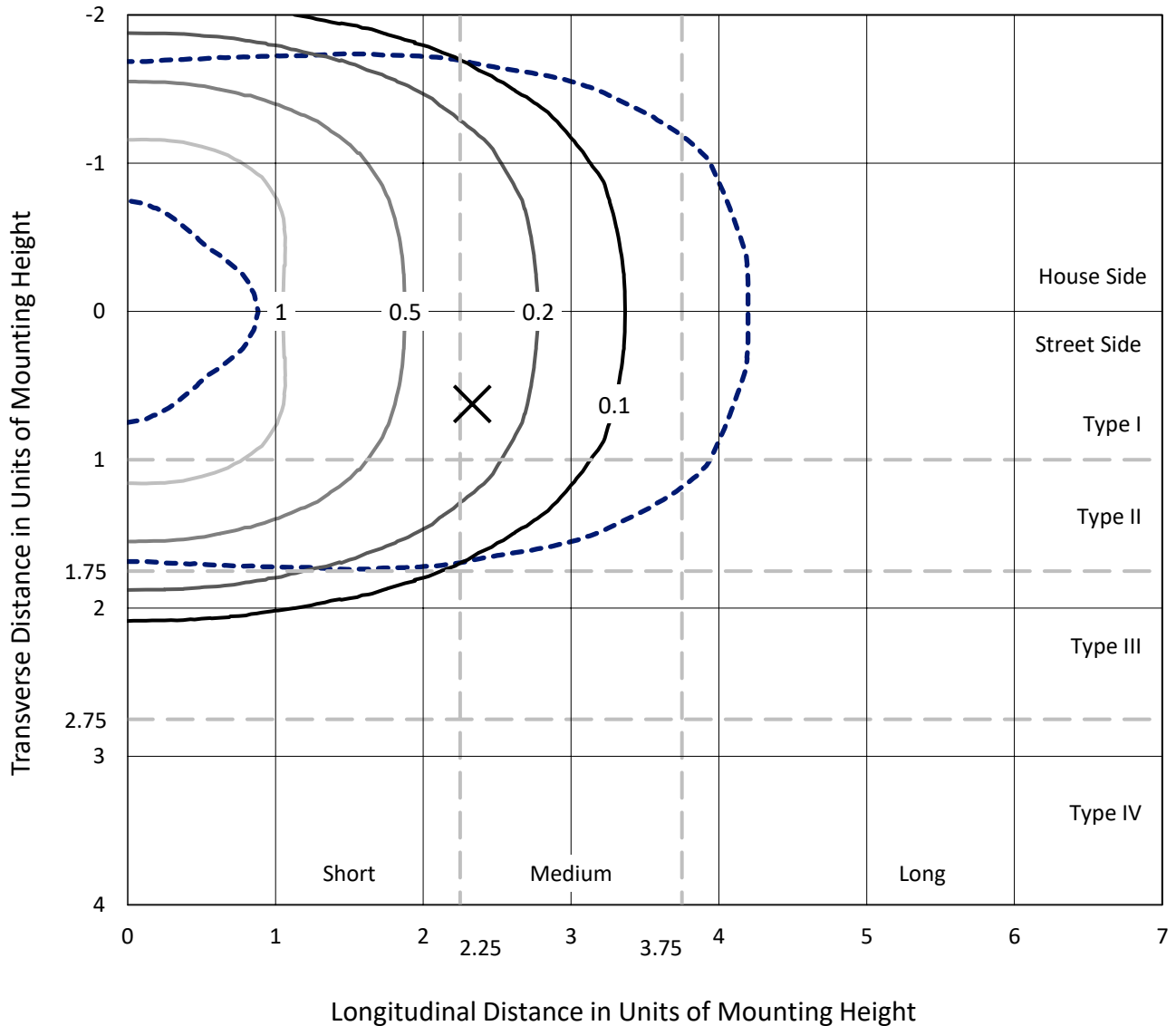
Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P672809
 CATALOG NUMBER: CCP-SA-1B-730-U-RW

Iso-Footcandle Lines of Horizontal Illumination

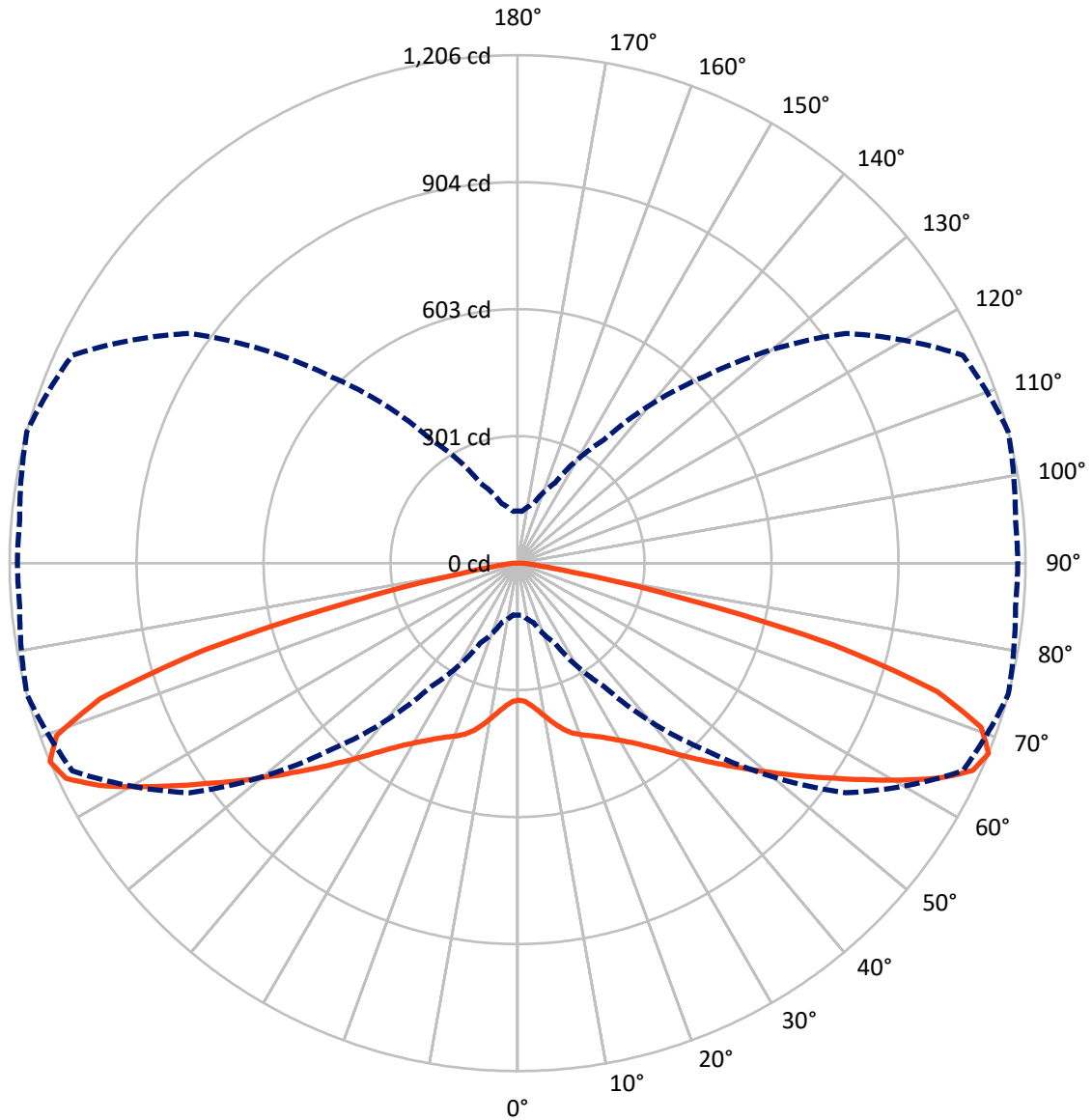
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type II - Medium - N/A

REPORT NUMBER: P672809
CATALOG NUMBER: CCP-SA-1B-730-U-RW

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P672809

CATALOG NUMBER: CCP-SA-1B-730-U-RW

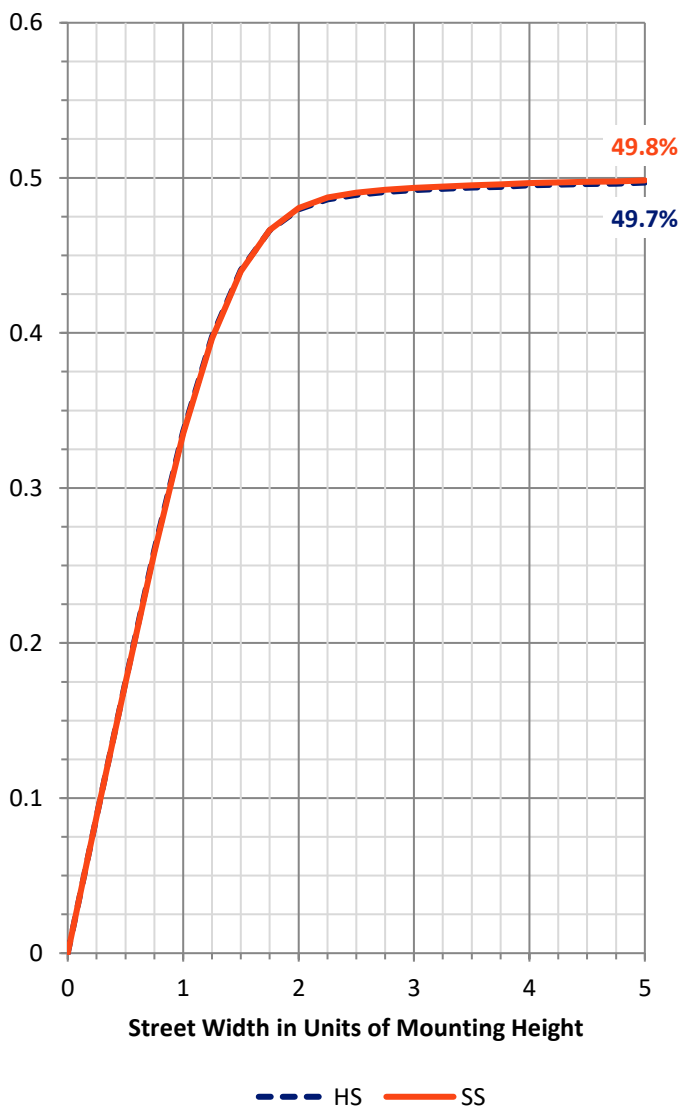
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1599.5	0.0	1599.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1599.5	0.0	1599.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3199.1	0.0	3199.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.2	1.0
10°-20°	108.5	3.4
20°-30°	211.9	6.6
30°-40°	365.5	11.4
40°-50°	592.1	18.5
50°-60°	805.3	25.2
60°-70°	742.9	23.2
70°-80°	310.9	9.7
80°-90°	29.7	0.9
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°	3199.1	100.0
0°-180°	3199.1	100.0



REPORT NUMBER: P672809

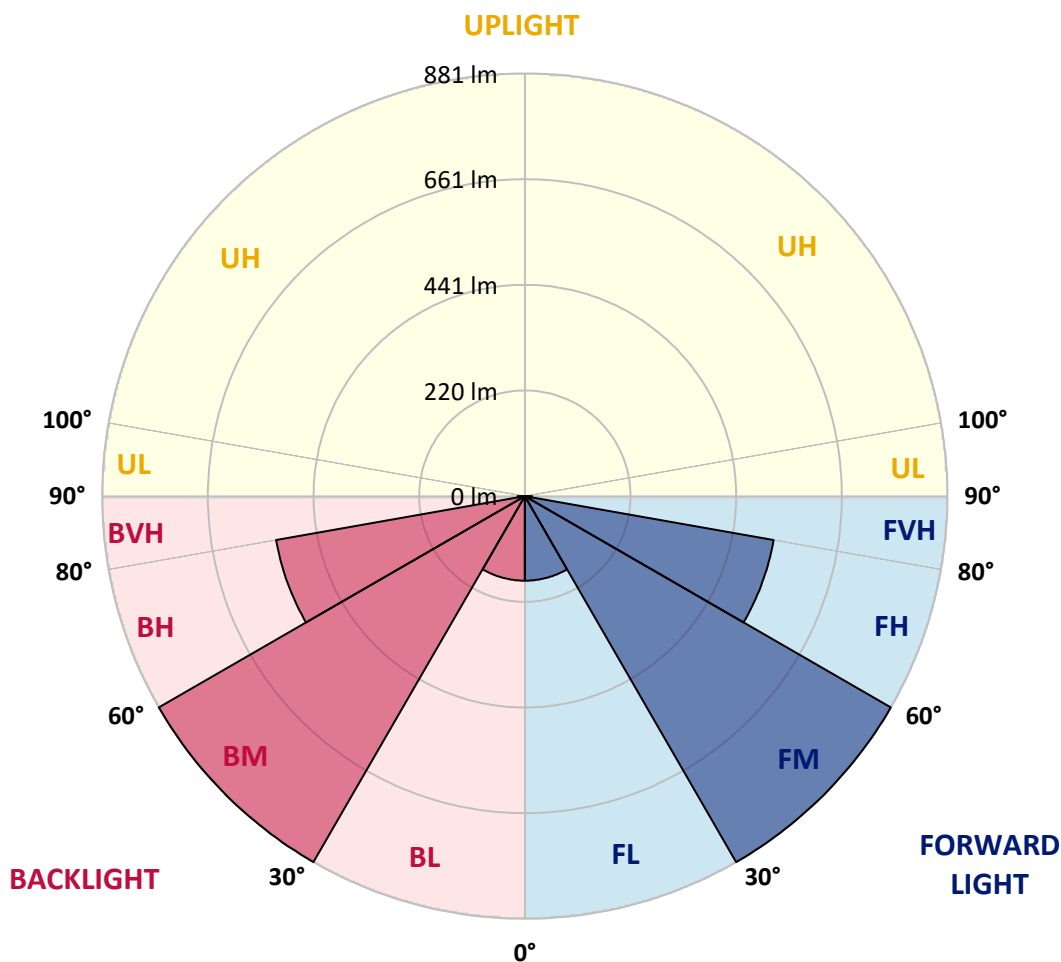
CATALOG NUMBER: CCP-SA-1B-730-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	176.3	5.5			
FM (30°-60°)	881.5	27.6			
FH (60°-80°)	526.9	16.5			G0/660
FVH (80°-90°)	14.8	0.5			G1/100
BL (0°-30°)	176.3	5.5	B1/500		
BM (30°-60°)	881.5	27.6	B1/1000		
BH (60°-80°)	526.9	16.5	B2/1000		G2/1000
BVH (80°-90°)	14.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





REPORT NUMBER: P672809
 CATALOG NUMBER: CCP-SA-1B-730-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	325.5	325.5	325.5	325.5	325.5	325.5	325.5	325.5	325.5	325.5	325.5
2.5°	323.4	323.4	324.3	325.5	325.9	326.8	327.1	327.1	328.4	328.2	328.4
5°	322.5	322.5	324.1	326.1	328.4	331.2	334.0	335.6	339.0	339.7	339.9
7.5°	323.4	323.6	325.9	329.4	333.3	338.3	343.6	348.0	353.7	355.8	357.2
10°	326.8	327.1	330.1	334.9	340.9	348.2	355.8	362.7	371.9	376.1	376.7
12.5°	332.1	332.4	336.7	344.5	353.1	362.3	370.8	379.5	391.0	397.2	398.6
15°	340.2	339.5	346.4	357.9	369.8	381.3	388.9	397.4	409.6	417.7	419.8
17.5°	351.2	351.7	360.2	374.9	389.6	401.4	408.9	413.8	424.4	432.6	434.7
20°	365.0	367.1	377.9	394.9	412.2	424.6	429.9	429.2	435.2	442.3	443.9
22.5°	384.6	385.9	399.1	418.1	437.9	450.8	452.9	445.3	445.1	449.7	451.7
25°	407.6	408.7	422.5	444.6	465.5	479.1	477.0	463.9	457.0	457.2	458.6
27.5°	434.5	436.8	451.0	473.6	495.2	507.6	504.6	485.5	472.0	467.8	466.9
30°	469.4	472.0	486.5	508.1	527.2	538.2	533.6	509.5	489.2	482.3	480.9
32.5°	515.0	514.7	529.7	550.6	564.0	571.1	562.1	534.8	509.2	500.0	498.2
35°	561.9	564.2	578.9	599.2	609.3	609.7	595.5	564.7	534.3	518.4	515.0
37.5°	614.8	616.0	633.0	652.1	658.7	655.1	633.9	599.6	564.7	547.9	541.9
40°	669.1	670.2	690.0	708.4	715.8	707.0	679.2	638.3	600.5	582.1	578.7
42.5°	719.5	722.4	744.5	766.1	773.3	763.2	729.6	680.6	638.5	620.8	616.2
45°	761.3	764.5	789.4	817.0	829.6	821.3	783.4	728.2	682.2	663.1	655.3
47.5°	792.8	797.0	823.4	856.5	881.1	879.5	840.7	778.6	729.1	706.6	699.4
50°	814.4	818.8	847.3	883.0	920.0	932.4	898.9	834.2	781.3	756.0	751.2
52.5°	816.1	820.0	852.6	897.0	946.5	973.8	956.1	892.9	838.8	812.6	809.2
55°	780.2	782.9	826.4	885.5	957.3	1005.6	1008.3	956.8	900.2	873.8	872.2
57.5°	697.8	701.7	753.7	831.9	939.3	1026.0	1053.6	1023.7	969.7	944.9	943.5
60°	563.7	568.8	628.1	732.1	874.5	1020.8	1092.1	1086.5	1045.6	1021.4	1020.5
62.5°	397.7	399.5	461.4	575.9	747.5	964.6	1110.7	1147.7	1124.3	1099.9	1101.3
65°	233.7	236.2	281.5	384.6	567.0	835.6	1078.5	1190.3	1187.3	1165.0	1167.3
67.5°	123.5	123.5	146.3	210.2	356.5	625.6	950.4	1166.8	1205.9	1186.4	1187.5
70°	85.3	85.1	89.2	105.6	172.3	387.8	710.9	1044.0	1168.0	1160.6	1163.6
72.5°	72.2	71.8	72.0	74.3	87.6	175.3	431.7	804.1	1041.2	1052.5	1055.0
75°	63.3	62.6	62.1	61.6	62.8	79.6	196.9	496.1	771.9	842.7	841.4
77.5°	54.5	54.1	53.6	52.0	50.1	52.2	80.5	223.1	397.0	468.5	463.5
80°	44.9	44.9	45.5	43.2	39.8	38.4	48.1	83.3	131.8	137.5	126.5
82.5°	35.2	35.2	38.6	35.4	31.3	27.8	33.4	44.4	53.6	43.5	35.4
85°	24.8	25.1	32.2	29.4	24.2	16.1	20.7	26.5	30.1	19.1	15.0
87.5°	10.1	10.8	20.0	15.9	15.2	8.1	9.7	11.7	15.0	8.1	6.4
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)