

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: P672666

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672666
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

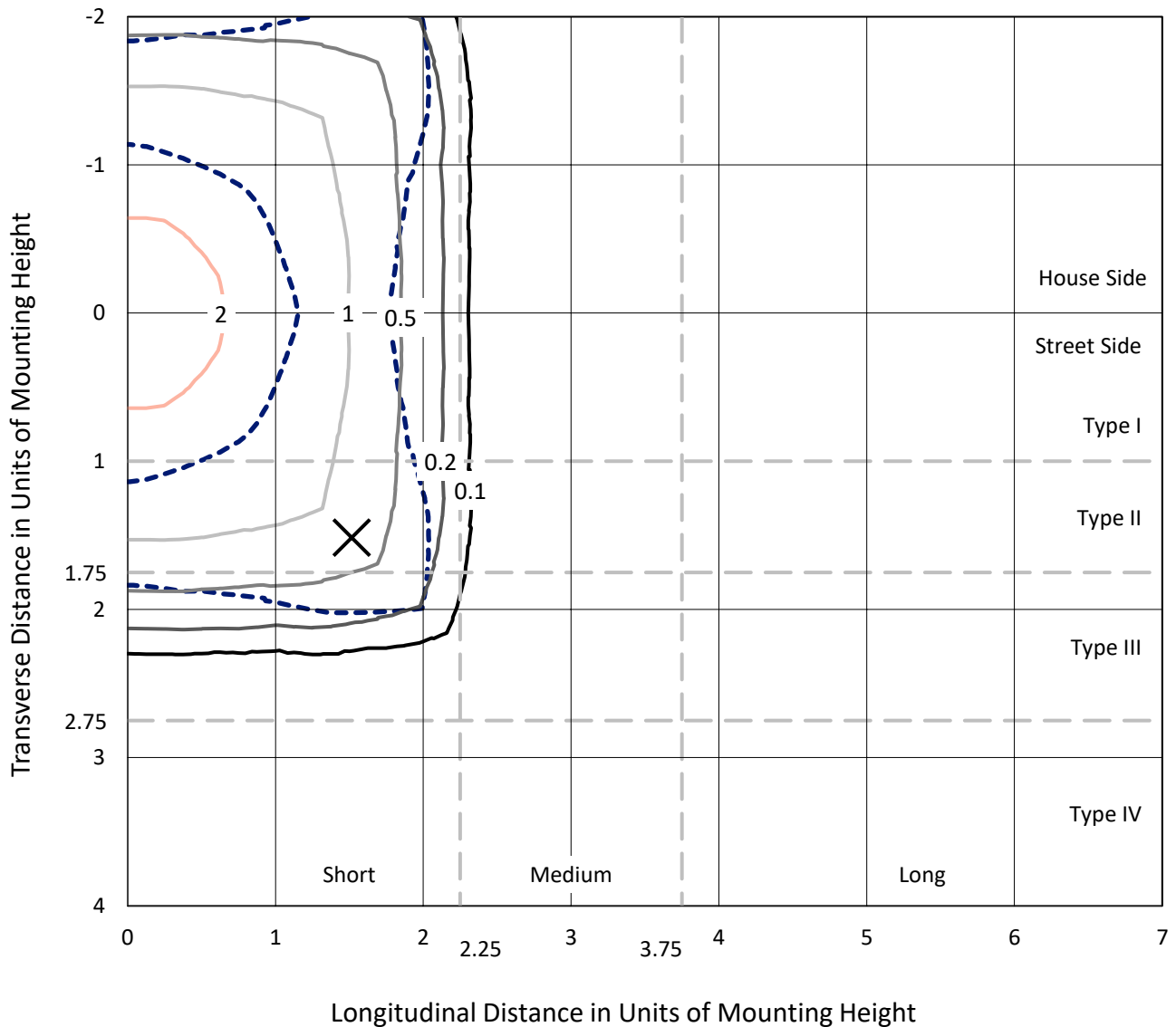
Lumens per Lamp: N/A
Luminaire Lumens: 4284.3 lumens
Efficiency: N/A
Efficacy: 133.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

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

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Iso-Footcandle Lines of Horizontal Illumination

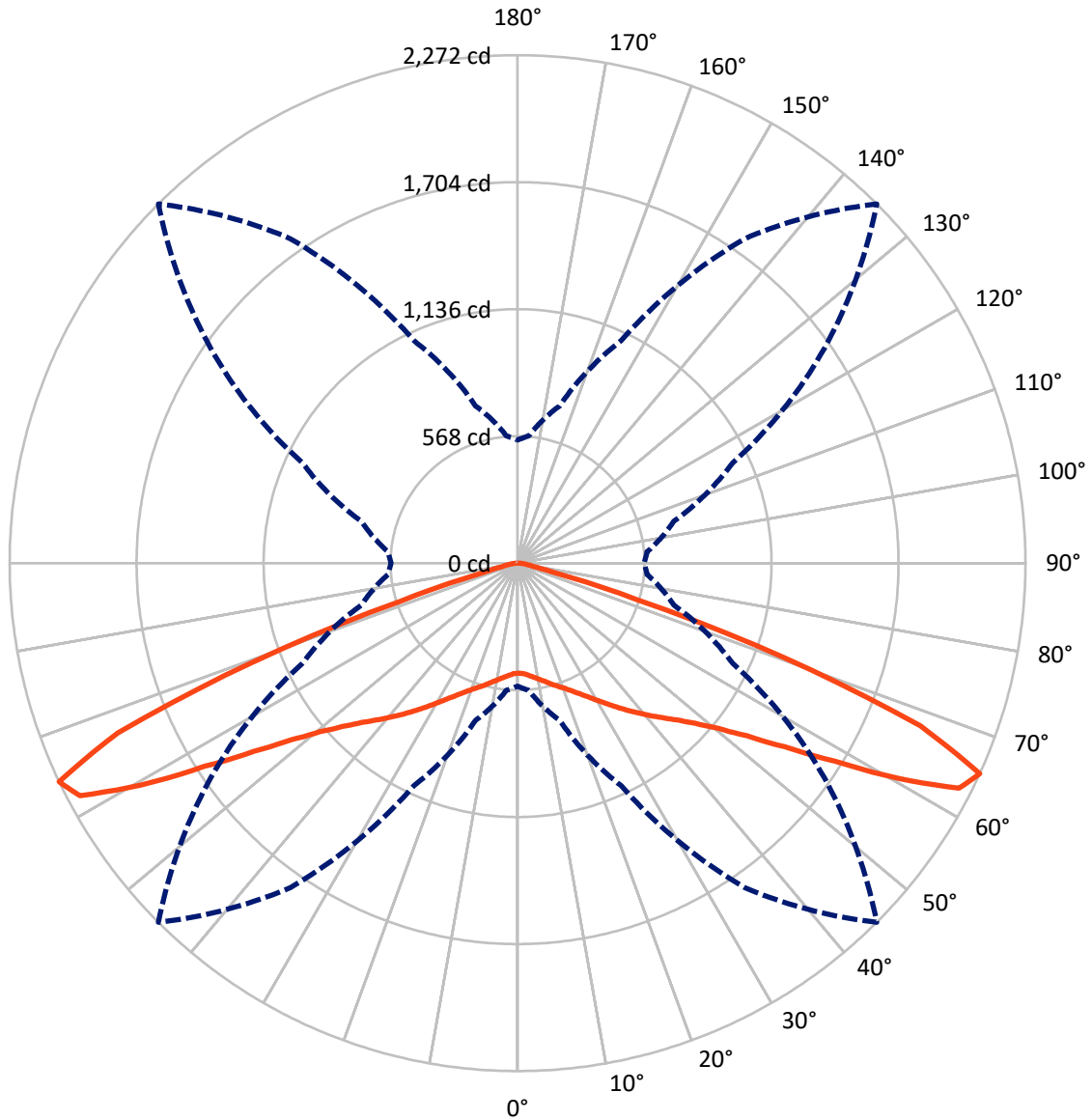
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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

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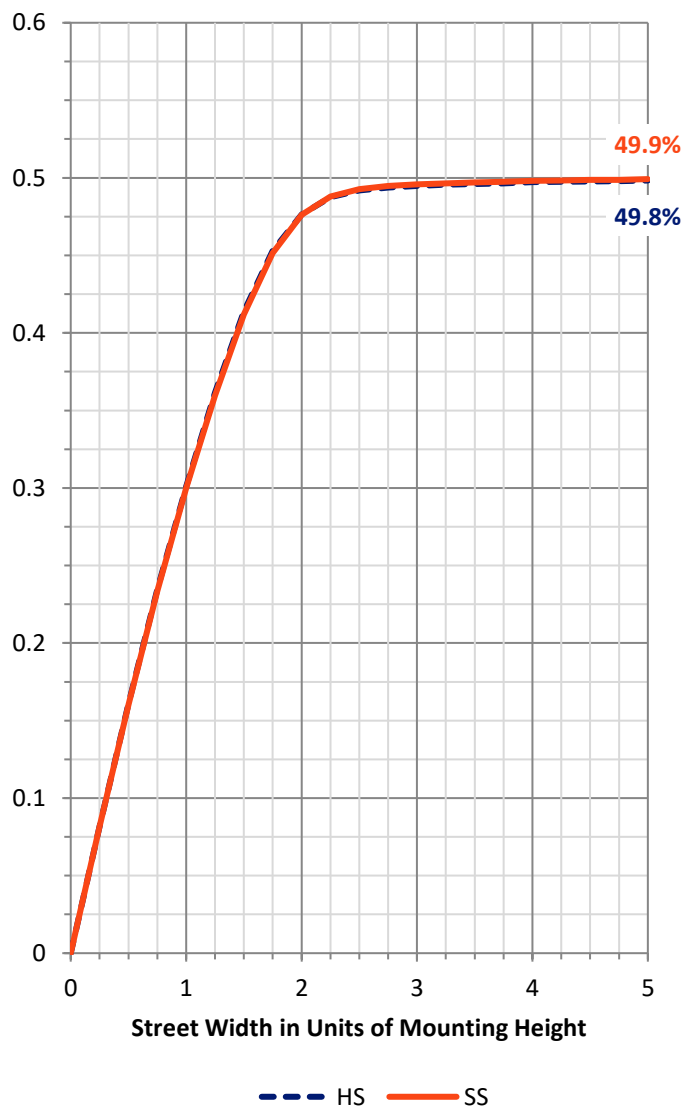
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2142.1	0.0	2142.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2142.1	0.0	2142.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	4284.3	0.0	4284.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.8	1.1
10°-20°	159.3	3.7
20°-30°	302.1	7.1
30°-40°	506.6	11.8
40°-50°	801.7	18.7
50°-60°	1259.4	29.4
60°-70°	1064.1	24.8
70°-80°	123.9	2.9
80°-90°	18.5	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°	4284.3	100.0
0°-180°	4284.3	100.0



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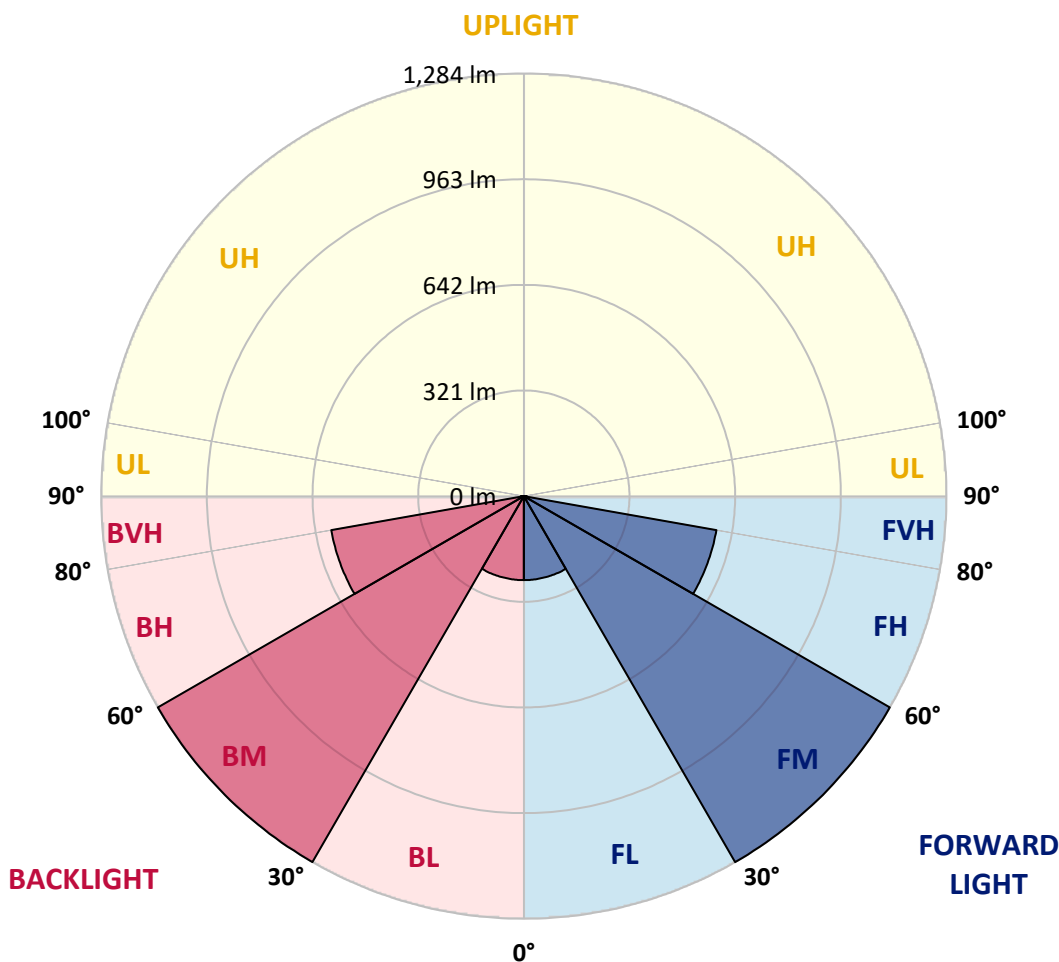
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	255.1	6.0			
FM (30°-60°)	1283.8	30.0			
FH (60°-80°)	594.0	13.9			G0/660
FVH (80°-90°)	9.2	0.2			G0/10
BL (0°-30°)	255.1	6.0	B1/500		
BM (30°-60°)	1283.8	30.0	B2/2500		
BH (60°-80°)	594.0	13.9	B2/1000		G0/660
BVH (80°-90°)	9.2	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	492.6	492.6	492.6	492.6	492.6	492.6	492.6	492.6	492.6	492.6	492.6
2.5°	495.3	493.8	495.3	495.3	494.4	494.7	493.5	493.2	494.7	493.5	493.2
5°	505.6	504.4	505.6	504.7	503.2	503.5	501.7	501.1	502.9	501.1	501.4
7.5°	517.3	515.2	515.8	516.7	515.2	515.2	513.7	512.8	513.7	511.9	513.1
10°	527.2	525.4	526.3	527.5	527.2	528.2	526.6	526.0	525.1	523.0	524.8
12.5°	540.2	539.6	540.8	542.3	541.7	542.9	539.6	538.7	538.4	536.0	538.1
15°	557.1	555.6	557.7	559.5	558.6	560.7	558.0	556.8	555.3	552.2	554.0
17.5°	573.9	572.7	575.7	576.6	576.9	578.7	576.6	574.8	574.2	572.1	570.9
20°	594.1	592.6	595.0	596.8	595.3	597.4	596.5	595.3	594.7	591.4	591.1
22.5°	616.7	614.6	618.2	620.3	618.2	620.3	618.5	618.2	618.5	613.7	614.3
25°	642.0	642.3	645.9	647.4	646.2	647.4	644.7	646.5	645.6	640.5	638.7
27.5°	674.5	673.3	677.2	681.7	678.7	678.7	677.5	679.3	679.0	674.2	673.0
30°	712.4	712.1	717.9	720.6	716.3	714.5	714.2	718.8	719.1	713.9	711.8
32.5°	752.2	752.2	759.1	762.4	756.4	755.2	754.0	760.0	759.1	752.2	747.7
35°	795.8	794.0	803.4	808.2	802.2	798.5	797.9	803.4	802.2	792.5	787.1
37.5°	838.9	840.1	850.9	856.4	849.1	844.6	846.1	849.7	850.0	839.5	833.8
40°	891.6	891.9	905.4	909.7	900.3	893.4	895.5	903.6	903.0	890.1	882.9
42.5°	950.6	949.4	966.3	969.9	957.2	944.0	950.3	963.0	966.0	951.5	944.0
45°	1013.8	1015.7	1033.1	1037.0	1017.2	1000.3	1013.8	1032.8	1036.7	1021.1	1011.7
47.5°	1090.6	1092.7	1113.8	1115.3	1092.7	1070.8	1088.8	1113.5	1115.0	1093.3	1082.5
50°	1178.3	1185.5	1209.0	1212.0	1189.7	1161.4	1187.3	1209.3	1203.5	1174.6	1164.7
52.5°	1277.6	1283.3	1320.1	1332.7	1313.1	1282.7	1303.5	1317.1	1298.7	1260.8	1245.4
55°	1362.2	1371.9	1420.6	1459.2	1473.9	1451.1	1448.6	1428.8	1377.6	1319.8	1303.8
57.5°	1386.0	1395.4	1470.9	1570.3	1657.9	1669.4	1616.4	1516.7	1406.5	1317.4	1301.1
60°	1289.4	1302.0	1412.5	1600.7	1852.1	1955.7	1764.2	1524.2	1331.5	1212.0	1191.5
62.5°	1012.6	1036.1	1178.9	1473.9	1930.4	2216.5	1825.0	1394.4	1105.4	964.2	937.1
65°	550.7	570.9	728.4	1098.5	1771.7	2272.2	1676.0	1061.7	723.0	581.1	566.4
67.5°	206.6	221.3	293.6	542.9	1252.6	1942.5	1272.2	607.9	328.2	235.5	214.7
70°	87.9	89.7	106.3	189.1	569.4	1263.8	651.3	206.6	109.6	88.5	86.1
72.5°	63.2	63.5	68.1	83.7	173.4	554.3	196.9	86.7	66.8	60.2	60.2
75°	50.6	50.9	53.6	60.5	81.9	163.2	84.9	60.8	51.8	47.3	46.7
77.5°	39.7	40.3	43.1	47.3	54.8	74.7	57.5	47.9	41.6	37.3	36.7
80°	29.5	30.4	34.0	36.1	38.5	49.7	41.9	37.3	33.1	28.6	27.7
82.5°	19.6	20.5	25.3	26.8	26.5	31.3	28.9	28.6	25.3	19.0	18.1
85°	11.7	12.3	16.3	17.5	16.3	15.4	18.4	19.9	17.8	12.3	11.4
87.5°	5.1	5.1	7.2	7.5	7.2	5.7	8.7	10.2	10.5	6.3	5.7
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)