

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: P672654

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672654
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-727-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3005.6 lumens
Efficiency: N/A
Efficacy: 125.2 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): 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

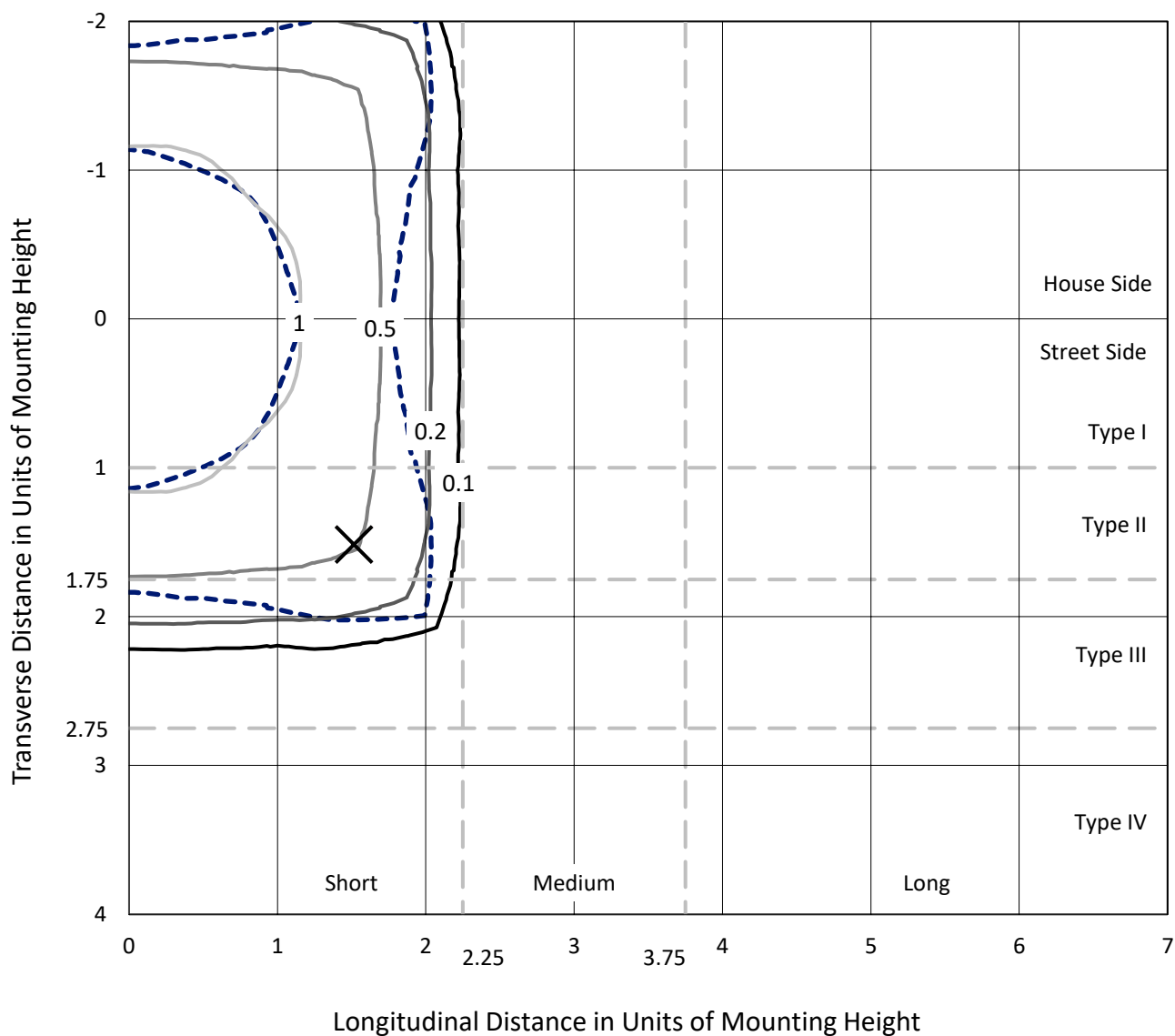
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

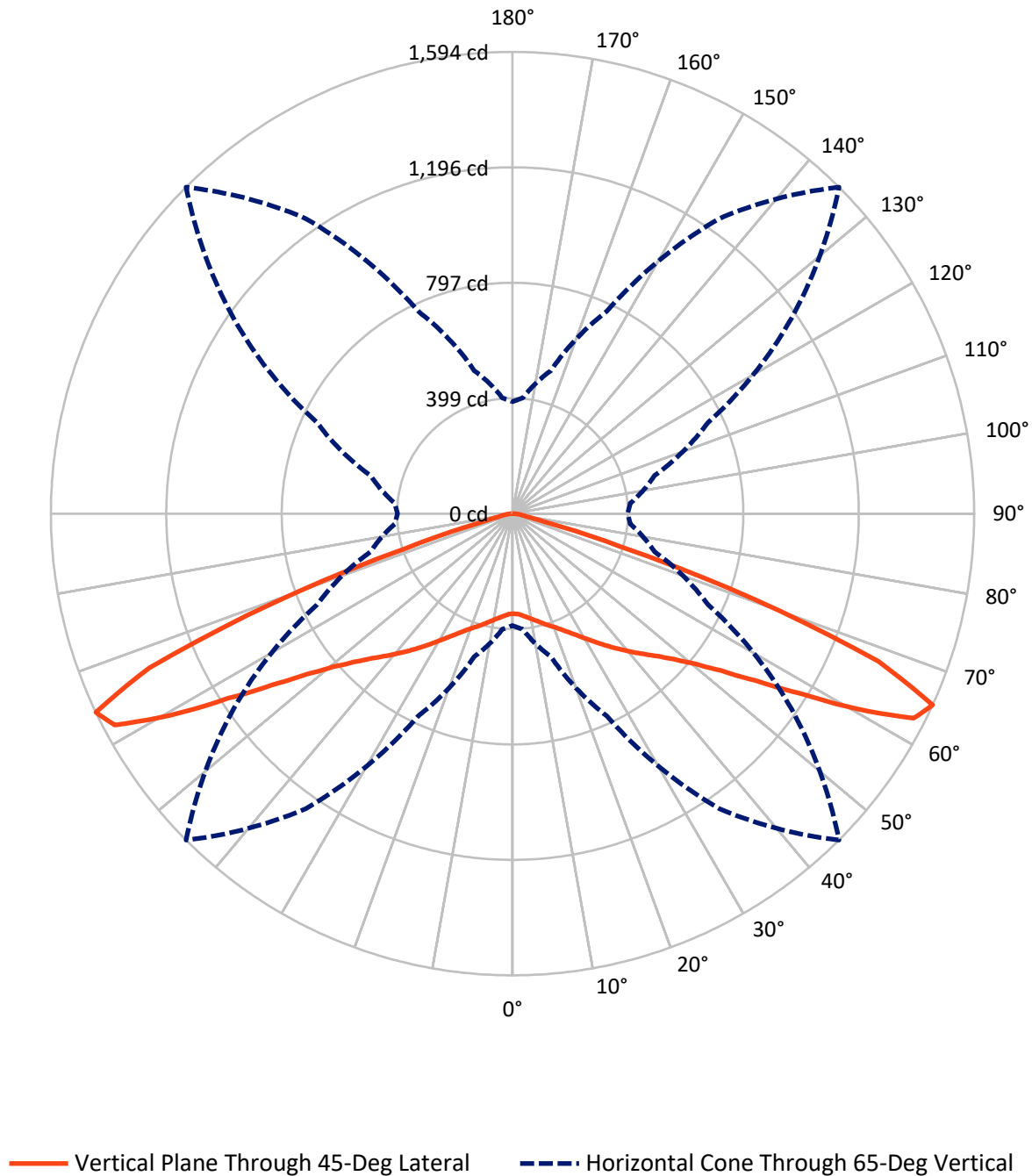


Based on 15 foot mounting height. Maximum calculated value = 1.6 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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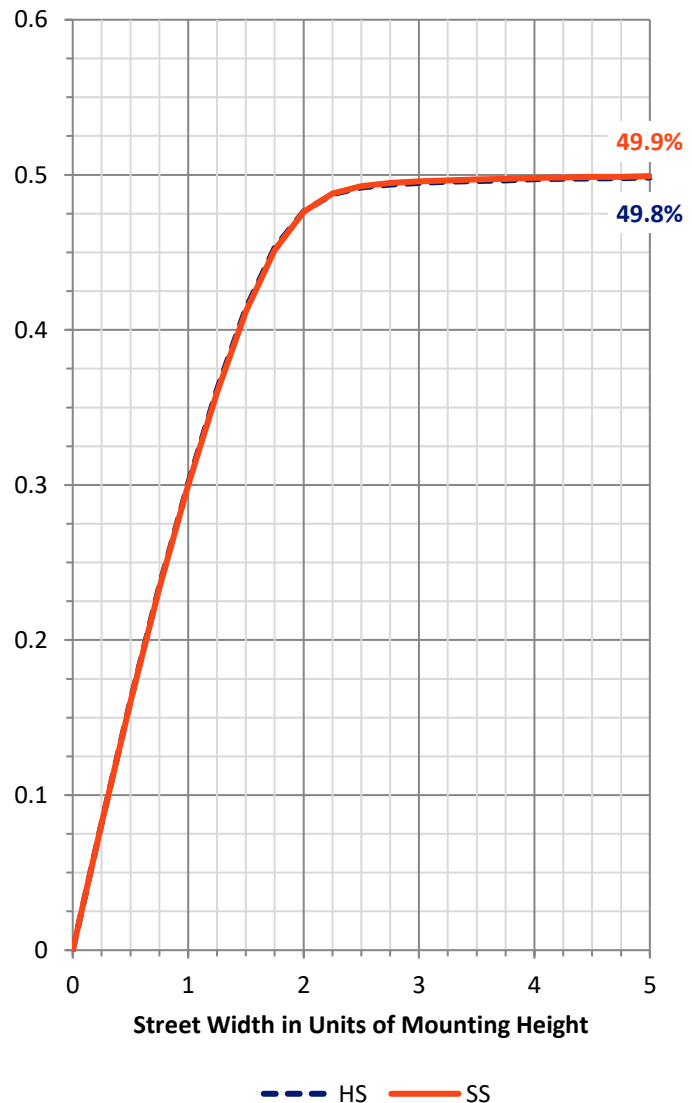
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1502.8	0.0	1502.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1502.8	0.0	1502.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	3005.6	0.0	3005.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	1.1
10°-20°	111.7	3.7
20°-30°	211.9	7.1
30°-40°	355.4	11.8
40°-50°	562.4	18.7
50°-60°	883.5	29.4
60°-70°	746.5	24.8
70°-80°	86.9	2.9
80°-90°	13.0	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°	3005.6	100.0
0°-180°	3005.6	100.0

Coefficient of Utilization



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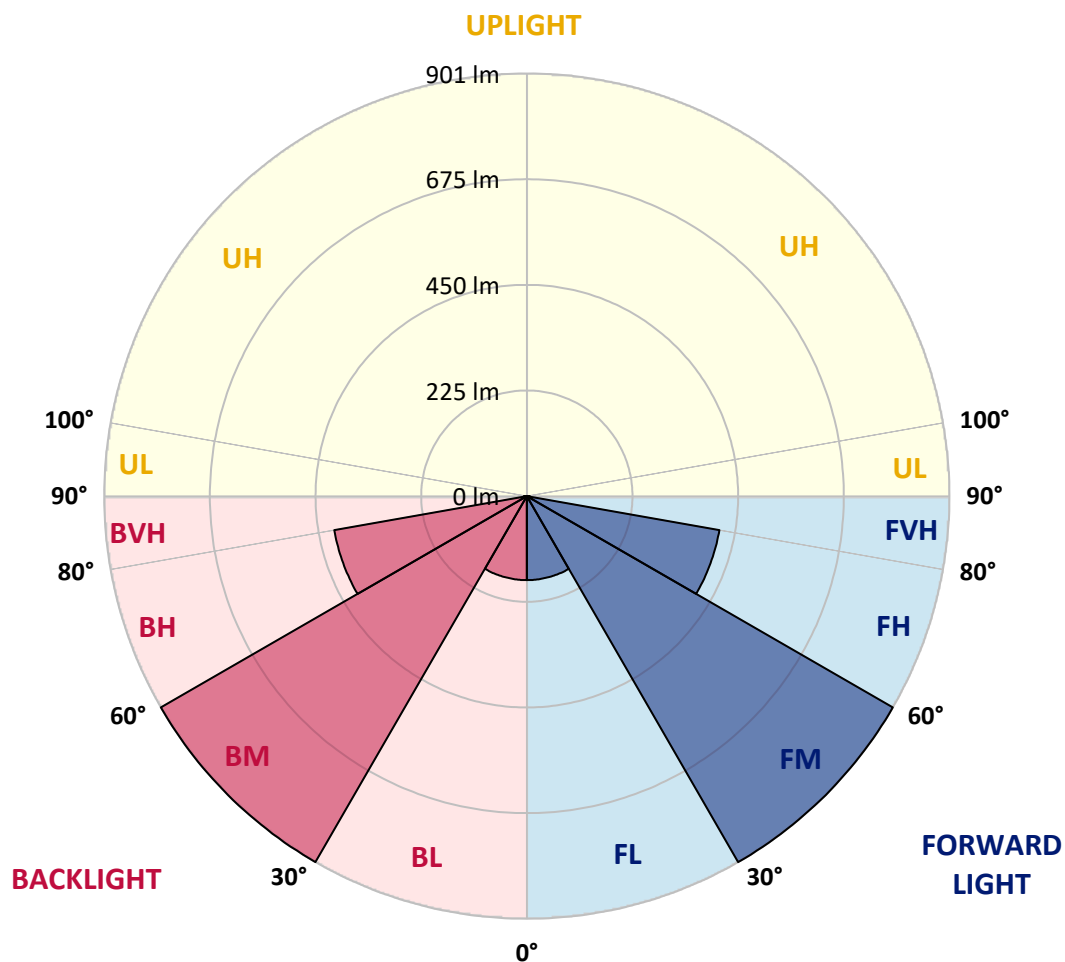
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	178.9	6.0			
FM	(30°-60°)	900.7	30.0			
FH	(60°-80°)	416.7	13.9			G0/660
FVH	(80°-90°)	6.5	0.2			G0/10
BL	(0°-30°)	178.9	6.0	B1/500		
BM	(30°-60°)	900.7	30.0	B1/1000		
BH	(60°-80°)	416.7	13.9	B1/500		G0/660
BVH	(80°-90°)	6.5	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6
2.5°	347.5	346.4	347.5	347.5	346.9	347.1	346.2	346.0	347.1	346.2	346.0
5°	354.7	353.8	354.7	354.0	353.0	353.2	351.9	351.5	352.8	351.5	351.7
7.5°	362.9	361.4	361.9	362.5	361.4	361.4	360.4	359.7	360.4	359.1	360.0
10°	369.9	368.6	369.2	370.1	369.9	370.5	369.5	369.0	368.4	366.9	368.2
12.5°	379.0	378.5	379.4	380.4	380.0	380.9	378.5	377.9	377.7	376.0	377.5
15°	390.8	389.7	391.2	392.5	391.8	393.3	391.4	390.6	389.5	387.4	388.7
17.5°	402.6	401.8	403.9	404.5	404.7	406.0	404.5	403.3	402.8	401.4	400.5
20°	416.8	415.7	417.4	418.7	417.6	419.1	418.5	417.6	417.2	414.9	414.7
22.5°	432.6	431.1	433.7	435.2	433.7	435.2	433.9	433.7	433.9	430.5	430.9
25°	450.4	450.6	453.1	454.2	453.3	454.2	452.3	453.5	452.9	449.3	448.0
27.5°	473.2	472.3	475.1	478.2	476.1	476.1	475.3	476.6	476.3	473.0	472.1
30°	499.8	499.6	503.6	505.5	502.5	501.3	501.1	504.2	504.4	500.8	499.4
32.5°	527.7	527.7	532.5	534.9	530.6	529.8	528.9	533.2	532.5	527.7	524.5
35°	558.3	557.0	563.6	567.0	562.7	560.2	559.8	563.6	562.7	556.0	552.2
37.5°	588.5	589.4	597.0	600.8	595.7	592.5	593.6	596.1	596.3	588.9	584.9
40°	625.5	625.7	635.2	638.2	631.6	626.7	628.2	633.9	633.5	624.4	619.4
42.5°	666.9	666.0	677.9	680.4	671.5	662.2	666.7	675.5	677.7	667.5	662.2
45°	711.2	712.5	724.8	727.5	713.6	701.7	711.2	724.6	727.3	716.3	709.8
47.5°	765.1	766.6	781.4	782.4	766.6	751.2	763.8	781.2	782.2	767.0	759.4
50°	826.6	831.6	848.1	850.2	834.6	814.8	832.9	848.3	844.3	824.0	817.1
52.5°	896.3	900.3	926.1	934.9	921.2	899.9	914.5	924.0	911.1	884.5	873.7
55°	955.6	962.4	996.6	1023.7	1034.0	1018.0	1016.3	1002.3	966.4	925.9	914.7
57.5°	972.3	978.9	1031.9	1101.6	1163.1	1171.1	1133.9	1064.0	986.7	924.2	912.8
60°	904.5	913.4	990.9	1122.9	1299.3	1372.0	1237.7	1069.3	934.1	850.2	835.9
62.5°	710.4	726.9	827.0	1034.0	1354.3	1554.9	1280.3	978.2	775.5	676.4	657.4
65°	386.4	400.5	511.0	770.6	1242.9	1594.0	1175.8	744.8	507.2	407.7	397.3
67.5°	144.9	155.3	206.0	380.9	878.8	1362.7	892.5	426.5	230.3	165.2	150.6
70°	61.7	62.9	74.6	132.7	399.5	886.6	456.9	144.9	76.9	62.1	60.4
72.5°	44.4	44.6	47.7	58.7	121.7	388.9	138.2	60.8	46.9	42.2	42.2
75°	35.5	35.7	37.6	42.5	57.5	114.5	59.6	42.7	36.3	33.2	32.7
77.5°	27.9	28.3	30.2	33.2	38.4	52.4	40.3	33.6	29.2	26.2	25.8
80°	20.7	21.3	23.9	25.3	27.0	34.9	29.4	26.2	23.2	20.1	19.4
82.5°	13.7	14.4	17.7	18.8	18.6	22.0	20.3	20.1	17.7	13.3	12.7
85°	8.2	8.7	11.4	12.3	11.4	10.8	12.9	13.9	12.5	8.7	8.0
87.5°	3.6	3.6	5.1	5.3	5.1	4.0	6.1	7.2	7.4	4.4	4.0
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)