

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: P672564

Luminaire Tested: **CCP-SA-1A-760-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672564
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-760-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5MQ distribution lens
Light Source: (16) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

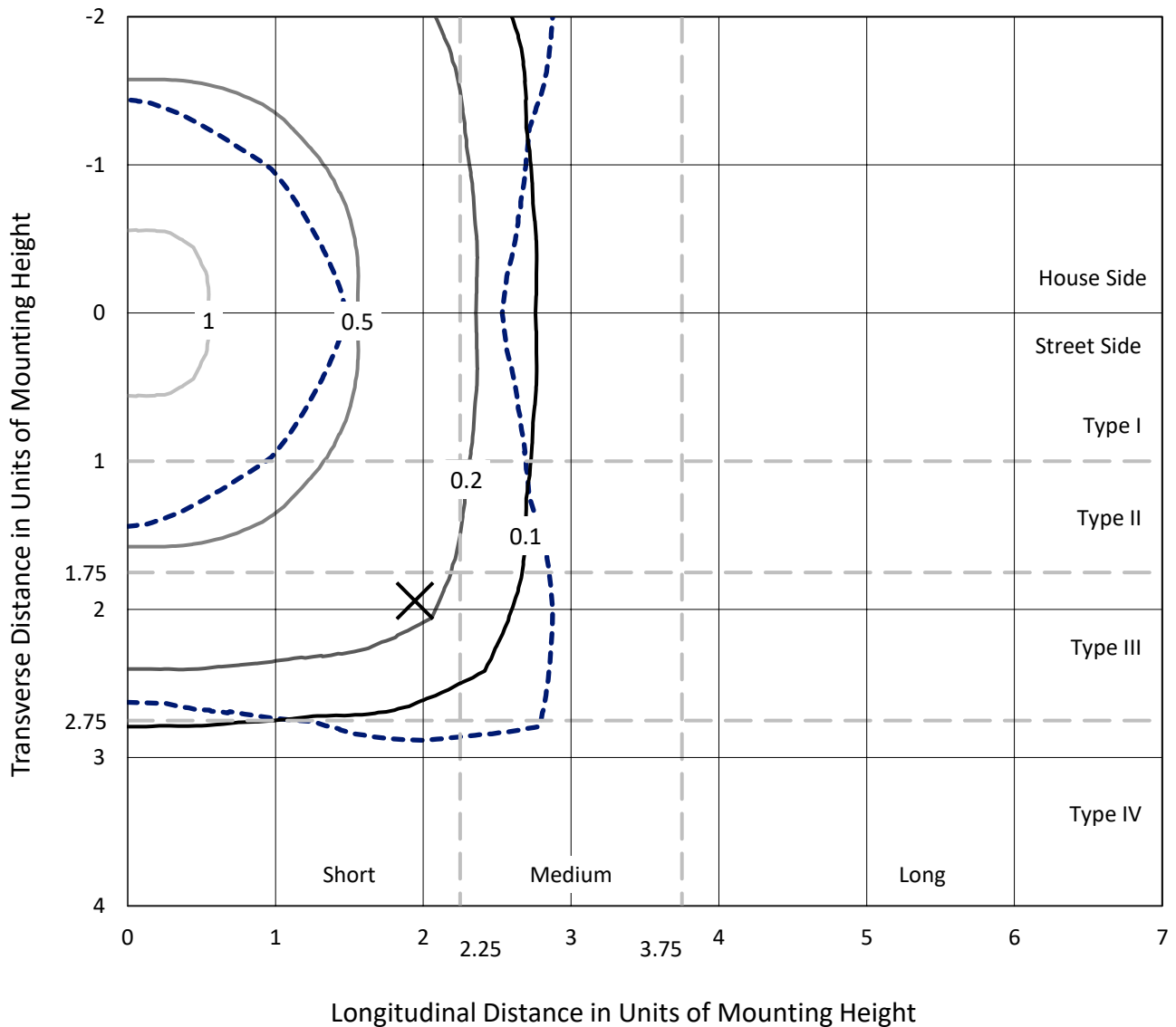
Lumens per Lamp: N/A
Luminaire Lumens: 2888.7 lumens
Efficiency: N/A
Efficacy: 160.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

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

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Iso-Footcandle Lines of Horizontal Illumination

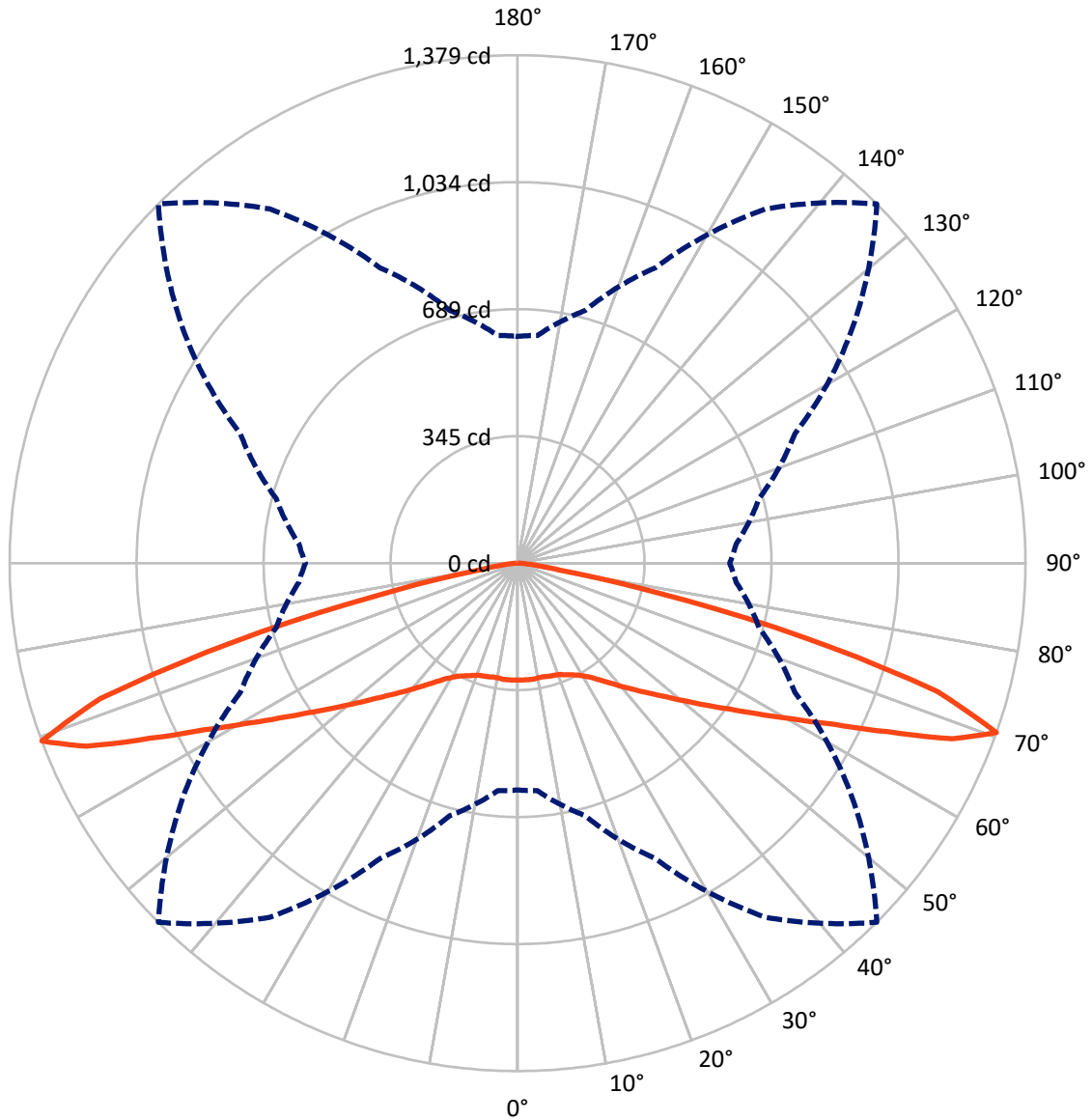
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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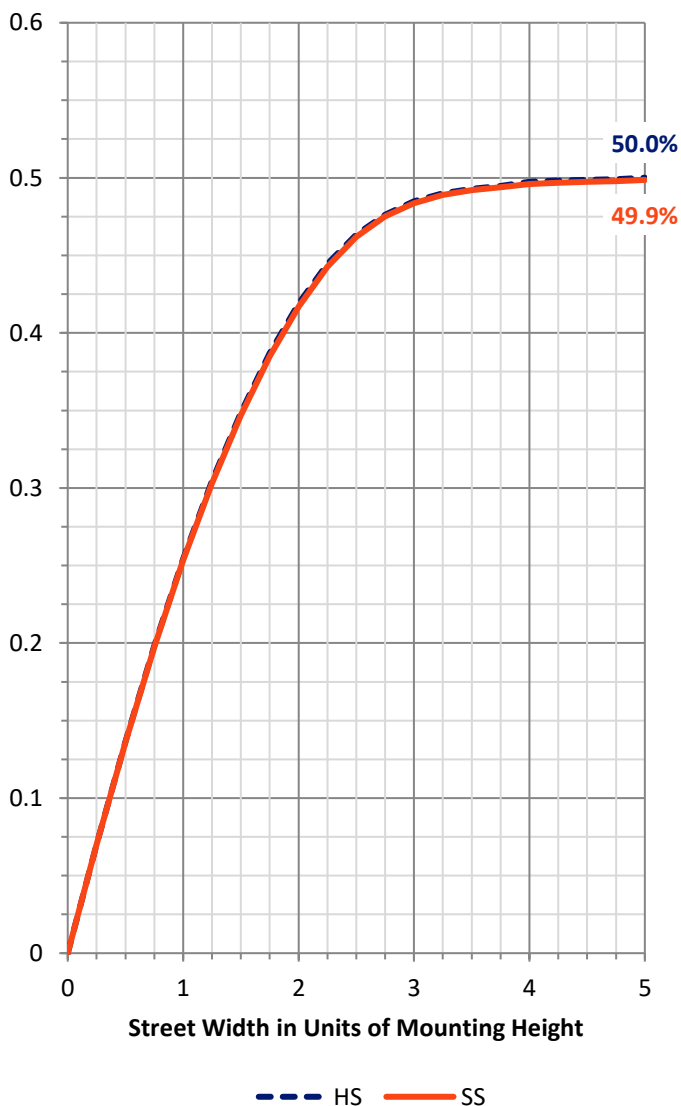
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1444.3	0.0	1444.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1444.3	0.0	1444.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	2888.7	0.0	2888.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	1.0
10°-20°	89.4	3.1
20°-30°	152.7	5.3
30°-40°	243.7	8.4
40°-50°	393.3	13.6
50°-60°	629.7	21.8
60°-70°	921.9	31.9
70°-80°	405.4	14.0
80°-90°	22.2	0.8
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°	2888.7	100.0
0°-180°	2888.7	100.0



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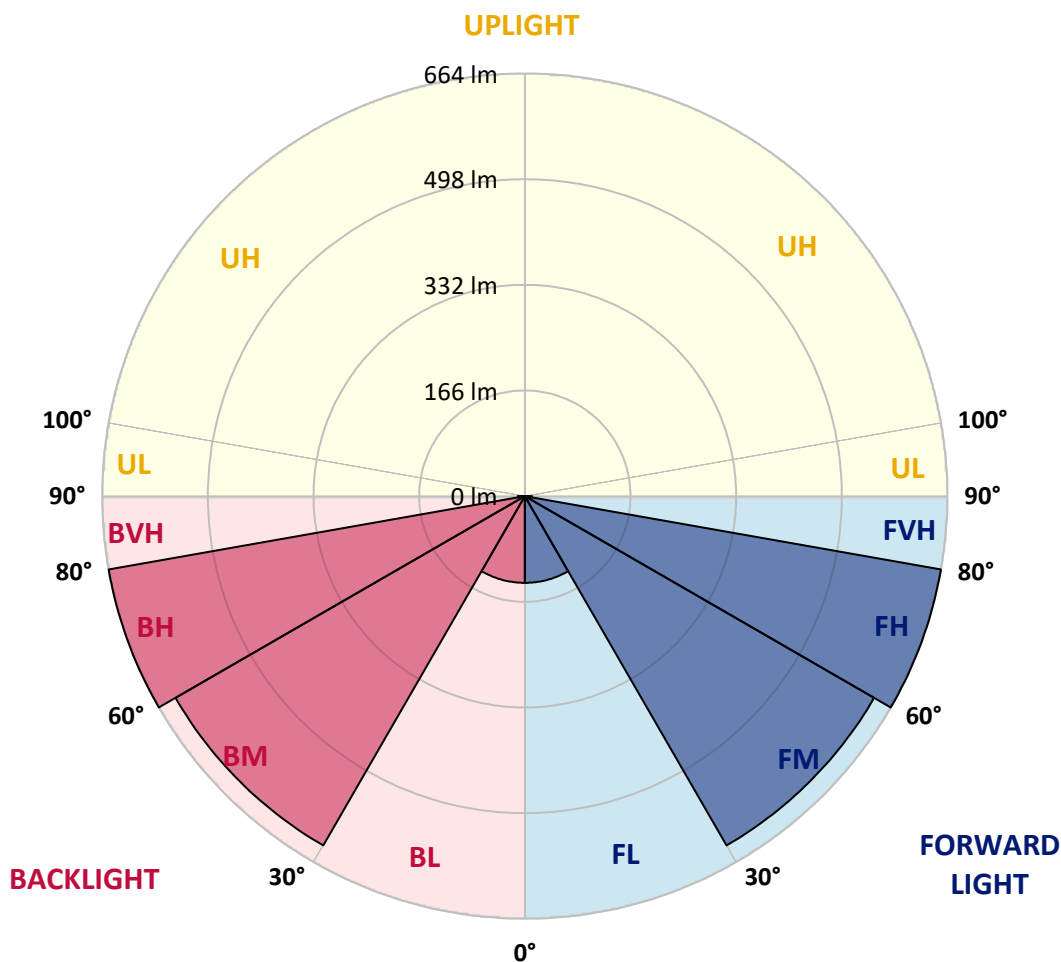
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	136.2	4.7			
FM (30°-60°)	633.4	21.9			
FH (60°-80°)	663.7	23.0			G1/1800
FVH (80°-90°)	11.1	0.4			G1/100
BL (0°-30°)	136.2	4.7	B1/500		
BM (30°-60°)	633.4	21.9	B1/1000		
BH (60°-80°)	663.7	23.0	B2/1000		G1/1800
BVH (80°-90°)	11.1	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	317.7	317.7	317.7	317.7	317.7	317.7	317.7	317.7	317.7	317.7	317.7
2.5°	317.3	317.0	317.5	317.7	317.3	317.5	316.2	316.2	316.8	316.2	317.0
5°	318.7	318.3	318.7	318.7	317.7	317.7	316.2	315.8	316.2	315.2	316.0
7.5°	318.9	318.1	318.7	318.5	317.7	317.7	315.6	314.8	315.0	314.0	314.6
10°	316.8	316.4	317.3	316.8	316.2	316.2	314.6	313.4	313.4	312.3	313.0
12.5°	315.6	315.2	316.2	316.4	316.0	316.2	314.2	312.5	311.9	310.7	311.1
15°	315.6	314.8	316.4	316.8	317.3	318.7	315.6	312.7	311.5	309.9	310.3
17.5°	315.4	315.0	316.8	318.3	318.7	320.3	316.8	313.8	312.3	309.9	310.3
20°	315.4	315.2	317.5	320.1	321.3	322.8	319.1	316.2	313.8	311.1	311.1
22.5°	316.4	316.2	319.3	323.2	326.7	329.1	324.8	320.1	316.8	313.4	313.0
25°	320.7	320.3	324.0	328.7	333.4	335.9	331.6	326.9	322.2	318.3	317.9
27.5°	329.5	329.3	333.0	338.7	342.0	343.9	340.2	336.1	331.4	326.9	326.7
30°	341.4	341.4	346.1	352.0	353.9	355.3	351.6	348.8	343.9	338.9	338.5
32.5°	355.7	356.6	362.1	368.6	369.9	370.7	366.8	364.9	359.6	354.3	353.5
35°	374.6	374.8	381.5	388.1	389.7	390.5	386.0	384.4	379.5	373.7	372.5
37.5°	398.5	397.9	404.2	411.6	413.2	414.3	410.6	409.4	403.2	397.5	395.6
40°	425.3	425.7	432.9	439.9	440.9	441.3	439.4	437.6	431.9	425.3	423.1
42.5°	456.4	456.4	464.8	473.0	473.0	471.0	470.1	469.7	464.2	456.8	454.4
45°	492.0	492.5	502.9	509.0	509.4	503.9	504.7	507.2	501.9	492.5	489.2
47.5°	531.1	531.8	544.0	550.8	549.6	542.4	546.9	548.1	542.0	529.9	525.6
50°	572.3	574.1	587.8	599.7	598.1	587.6	593.6	594.0	583.9	570.0	564.1
52.5°	616.7	621.0	639.2	651.9	653.5	640.4	645.6	645.1	632.3	613.2	609.3
55°	671.8	674.2	692.2	710.2	716.4	700.2	705.9	703.1	685.7	664.0	657.4
57.5°	726.8	730.5	753.6	773.9	786.2	772.5	773.7	766.3	744.4	718.2	714.9
60°	792.1	793.7	819.3	845.7	867.0	858.8	853.1	837.8	812.0	785.8	781.1
62.5°	845.5	848.8	886.9	925.8	961.8	963.2	945.8	922.9	881.8	838.0	828.5
65°	860.3	865.6	919.0	995.8	1070.7	1104.0	1056.3	986.3	894.4	828.3	814.2
67.5°	791.7	801.9	878.3	1005.8	1172.0	1272.1	1144.4	956.3	827.9	750.8	737.3
70°	615.7	620.2	709.8	884.8	1173.6	1378.9	1109.0	830.4	678.7	595.8	576.0
72.5°	327.1	329.3	410.2	595.8	955.0	1191.2	916.3	581.1	399.5	324.2	301.5
75°	105.6	108.5	141.2	244.0	526.8	800.5	540.4	241.7	137.7	111.1	105.2
77.5°	53.8	53.6	59.6	78.6	177.3	392.4	187.5	84.7	59.6	53.4	51.8
80°	33.6	33.0	37.5	43.0	62.0	114.6	67.3	47.5	37.7	32.3	32.1
82.5°	19.0	19.0	25.2	27.6	35.0	47.3	39.3	32.5	25.8	19.2	18.6
85°	10.6	9.4	15.8	17.4	20.1	23.3	23.9	21.1	17.4	10.6	11.1
87.5°	3.9	4.3	7.4	7.0	8.0	5.5	9.8	11.1	9.8	5.1	4.3
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)