

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: P672355

Luminaire Tested: **CCP-SA-1B-722-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672355
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2666.3 lumens
Efficiency: N/A
Efficacy: 111.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

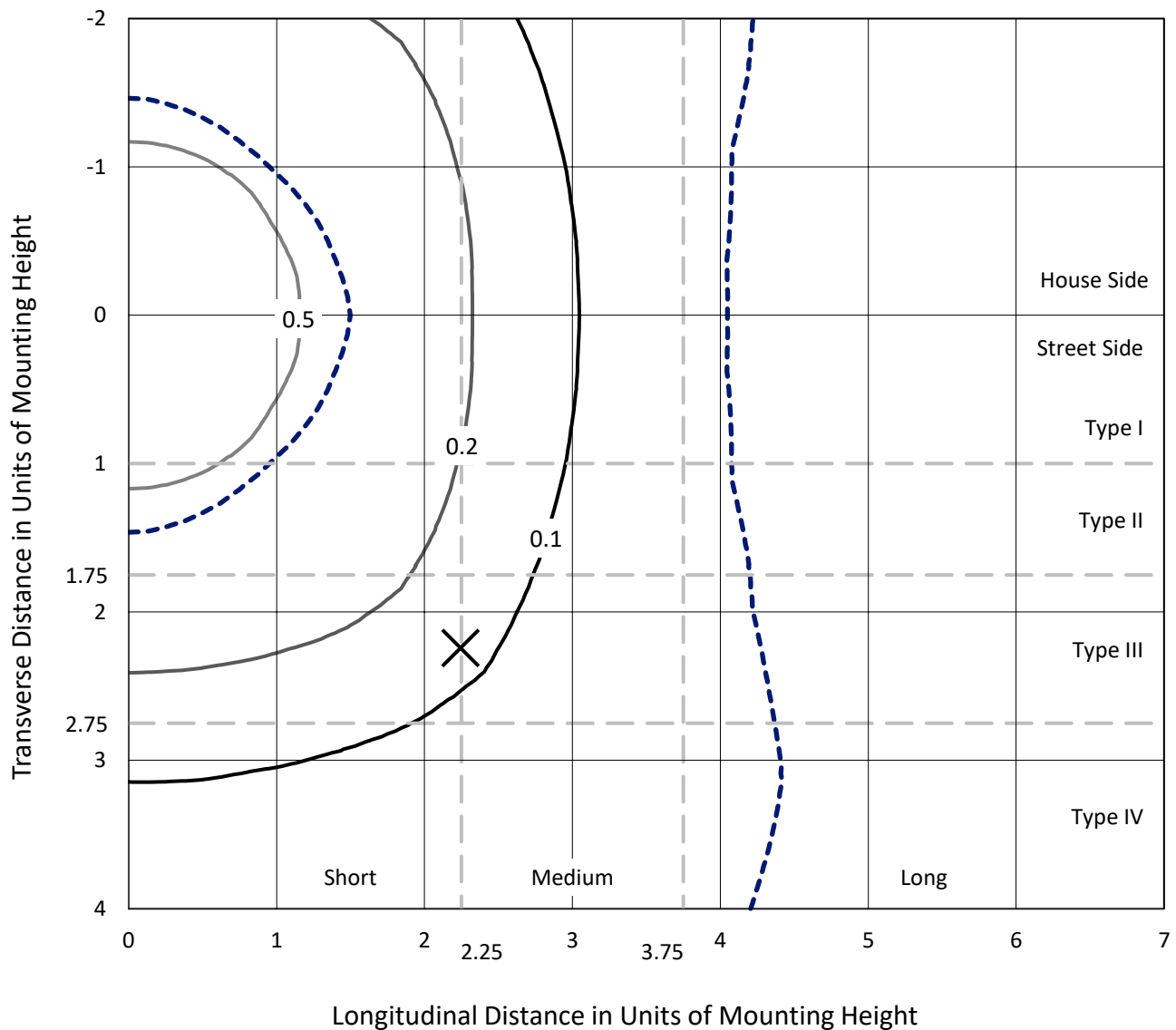
Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

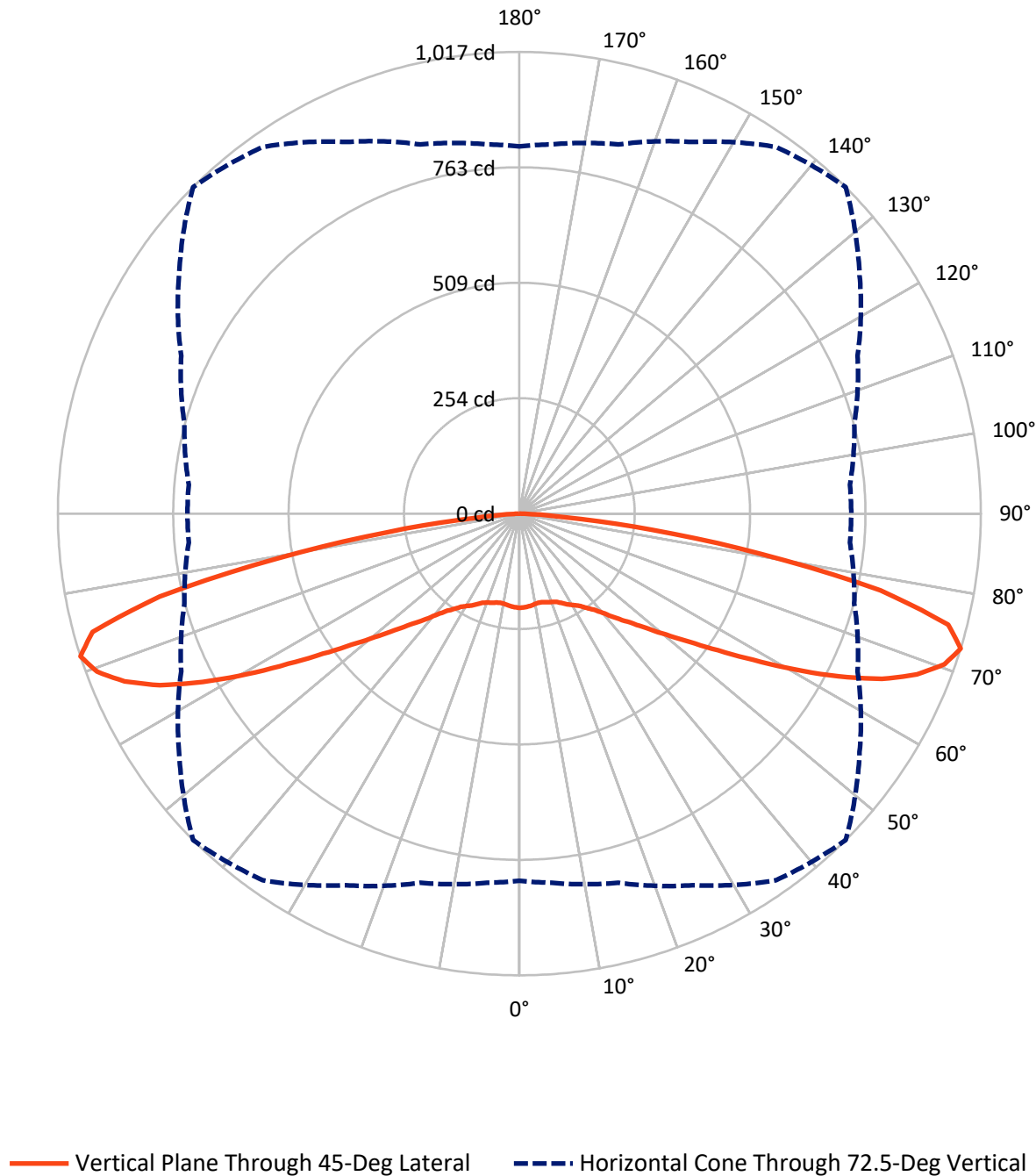
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.9 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	1333.2	0.0	1333.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1333.2	0.0	1333.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	2666.3	0.0	2666.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	0.7
10°-20°	57.9	2.2
20°-30°	101.7	3.8
30°-40°	162.3	6.1
40°-50°	271.4	10.2
50°-60°	464.4	17.4
60°-70°	766.7	28.8
70°-80°	734.8	27.6
80°-90°	87.6	3.3
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°	2666.3	100.0
0°-180°	2666.3	100.0



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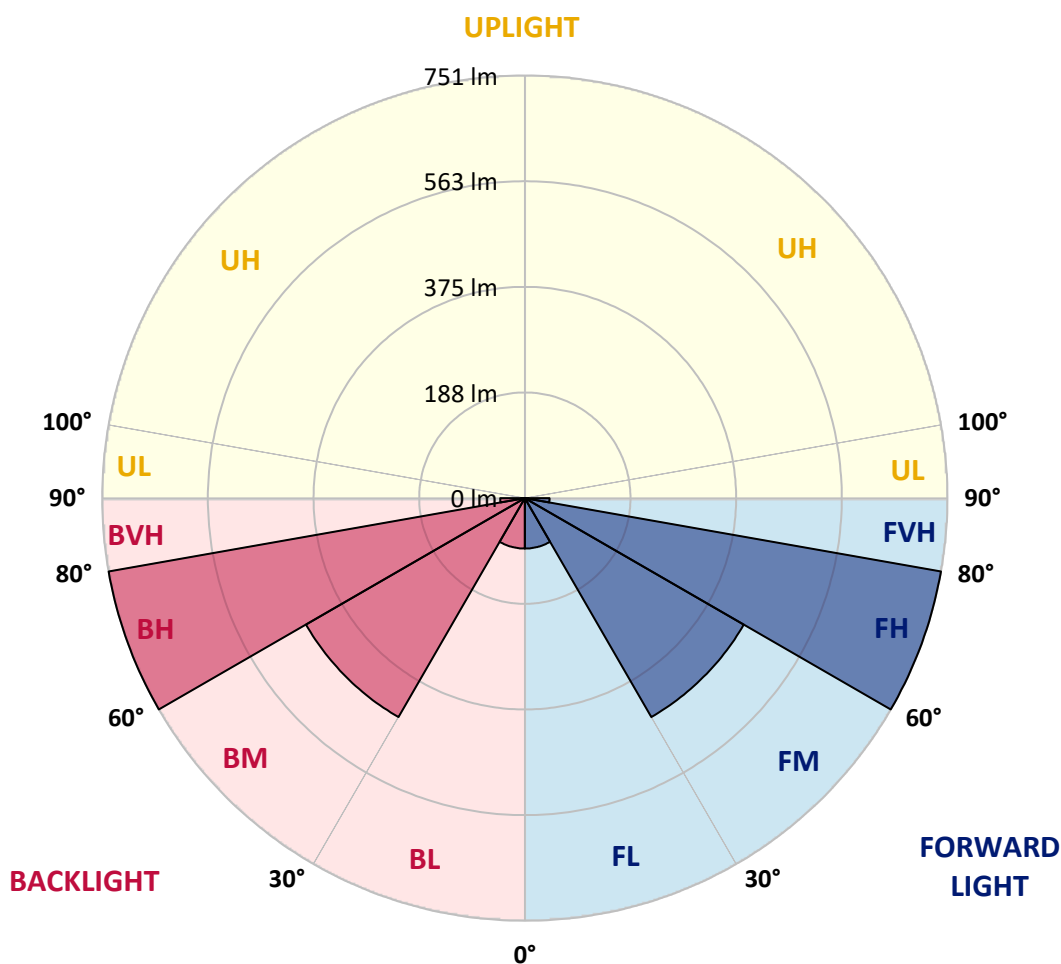
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	89.6	3.4			
FM	(30°-60°)	449.0	16.8			
FH	(60°-80°)	750.7	28.2			G1/1800
FVH	(80°-90°)	43.8	1.6			G1/100
BL	(0°-30°)	89.6	3.4	B0/110		
BM	(30°-60°)	449.0	16.8	B1/1000		
BH	(60°-80°)	750.7	28.2	B2/1000		G1/1800
BVH	(80°-90°)	43.8	1.6			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°	207.6	207.6	207.6	207.6	207.6	207.6	207.6	207.6	207.6	207.6	207.6
2.5°	206.3	206.3	206.9	207.1	206.9	206.7	206.5	206.3	206.9	206.7	206.9
5°	205.8	205.8	206.0	206.1	205.8	205.6	205.2	205.0	205.4	205.4	205.8
7.5°	204.3	204.1	204.3	204.5	203.9	203.7	203.2	203.2	203.2	203.0	203.3
10°	203.0	202.6	202.6	202.2	201.3	201.5	200.7	201.3	202.2	202.4	202.6
12.5°	203.5	203.2	202.8	201.9	200.6	200.7	200.6	201.1	202.4	203.2	203.7
15°	206.1	205.8	204.8	203.2	202.4	202.4	202.0	202.2	204.1	205.2	205.8
17.5°	208.9	208.2	206.5	205.4	204.7	205.2	203.9	203.7	205.2	206.9	207.4
20°	211.2	210.6	208.6	207.3	207.3	207.8	206.5	205.8	207.4	209.5	210.0
22.5°	215.1	214.7	212.7	211.3	211.3	211.5	210.8	210.2	212.1	214.1	214.7
25°	220.7	220.7	218.6	218.0	217.9	218.2	217.3	216.7	218.4	219.9	220.5
27.5°	227.2	226.6	224.9	224.6	225.3	226.6	224.9	223.4	224.7	226.0	226.2
30°	234.0	234.0	232.6	232.6	233.1	233.7	232.2	230.7	232.0	233.5	233.7
32.5°	243.7	243.2	242.6	242.8	242.6	241.9	241.1	240.9	242.0	243.0	243.3
35°	255.6	255.4	254.7	255.1	255.1	255.1	252.8	252.1	254.0	254.7	254.3
37.5°	274.0	273.9	272.0	270.9	269.6	269.0	266.2	266.0	270.5	272.7	272.4
40°	296.6	295.8	294.1	292.3	290.6	289.5	286.7	288.7	293.4	295.1	295.1
42.5°	321.1	320.2	318.3	317.4	316.3	315.2	311.4	312.4	318.0	319.6	317.8
45°	351.3	350.0	347.9	345.9	344.2	342.0	340.1	341.0	347.0	349.0	347.5
47.5°	383.3	382.9	381.2	379.5	378.0	376.6	374.1	375.8	381.0	380.7	377.7
50°	417.1	417.9	418.0	419.7	418.6	418.8	414.3	413.4	417.5	415.1	411.4
52.5°	453.6	454.7	458.6	462.0	468.1	468.8	463.3	457.3	456.6	450.2	446.3
55°	495.8	495.6	504.2	513.5	527.1	531.4	518.9	507.7	501.6	489.3	485.2
57.5°	543.6	543.1	556.1	572.5	597.0	607.6	584.7	563.5	548.7	534.0	529.7
60°	595.5	596.8	612.7	639.3	681.7	696.4	661.8	626.6	603.9	584.7	583.1
62.5°	656.2	656.4	675.0	711.1	766.1	789.8	742.1	694.5	665.7	644.7	640.2
65°	727.8	729.1	749.0	785.5	848.7	878.0	823.1	765.0	731.0	702.5	702.0
67.5°	801.3	800.6	818.8	857.5	918.5	945.5	888.0	823.3	779.0	743.4	738.8
70°	848.4	852.5	872.2	909.2	967.6	993.9	923.9	845.8	799.4	766.9	764.7
72.5°	808.7	816.4	841.9	903.3	986.1	1017.1	915.4	822.5	764.1	731.4	731.4
75°	656.6	669.2	704.7	799.3	922.4	976.2	847.4	719.8	634.8	599.8	599.8
77.5°	400.0	412.1	460.1	575.4	744.9	813.8	690.8	542.1	443.7	400.9	395.4
80°	133.0	140.8	187.9	292.5	457.3	541.6	462.9	307.9	198.7	151.4	150.7
82.5°	35.3	38.5	53.6	84.8	198.5	293.4	211.7	101.6	58.2	45.2	41.7
85°	12.3	13.2	22.7	28.3	50.4	97.1	59.0	36.8	28.3	17.1	16.0
87.5°	3.5	3.9	9.1	9.9	14.5	11.3	16.0	14.7	13.4	5.6	5.0
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)