

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: P682302

Luminaire Tested: **CCP-SA-1-AMB-U-5WQ**

Issue Date: 04/26/2023



Test Information

Test Method: LM-79-08
Report Number: P682302
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1-AMB-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @500mA w/ 5WQ
distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

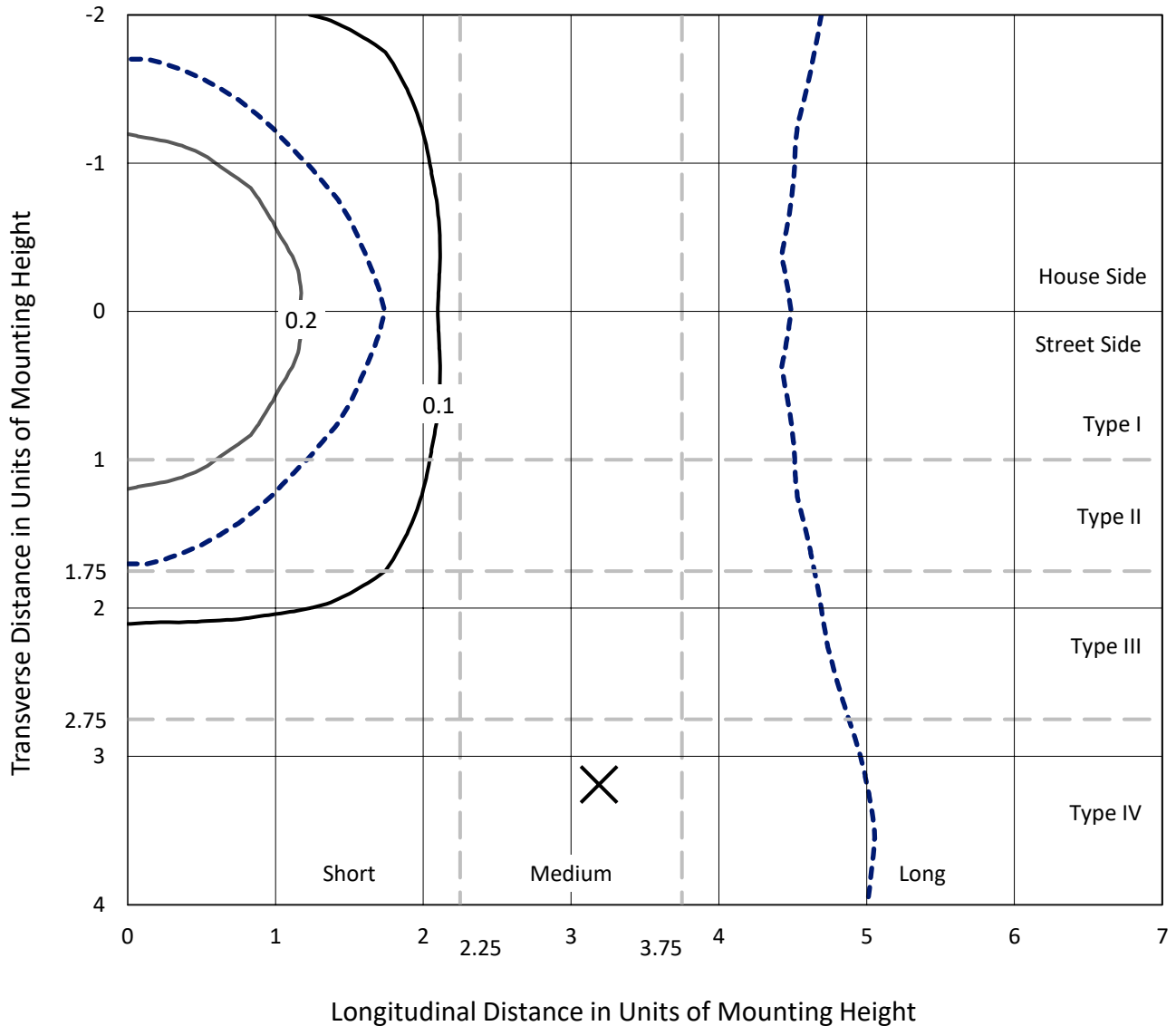
Lumens per Lamp: N/A
Luminaire Lumens: 1206.9 lumens
Efficiency: N/A
Efficacy: 53.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 22.6
Input Voltage (V): 120
Input Current (A_{in}): 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: P682302
 CATALOG NUMBER: CCP-SA-1-AMB-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

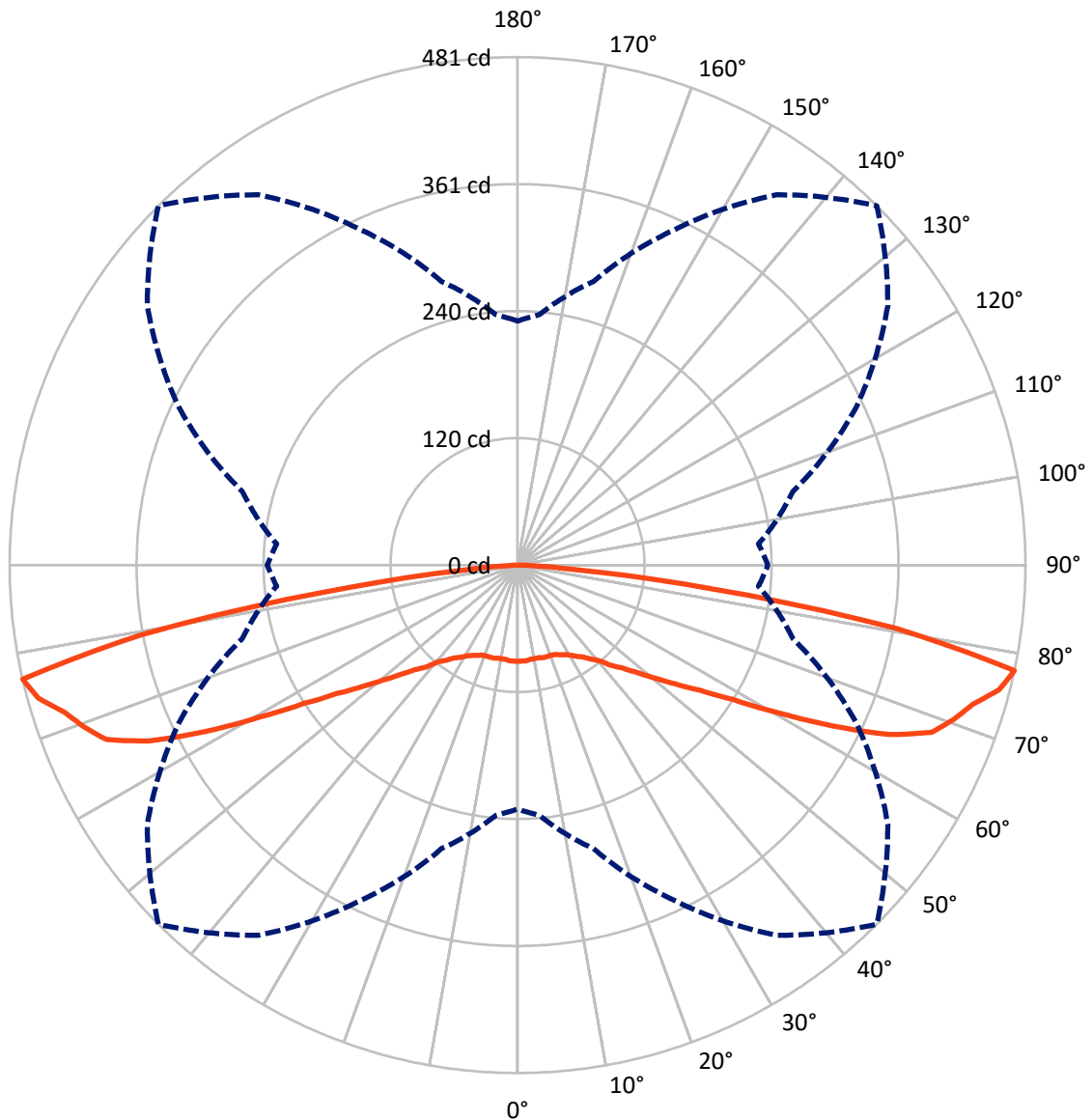
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.4 fc
 Type V - Medium - N/A

REPORT NUMBER: P682302
CATALOG NUMBER: CCP-SA-1-AMB-U-5WQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 77.5-Deg Vertical

REPORT NUMBER: P682302
 CATALOG NUMBER: CCP-SA-1-AMB-U-5WQ

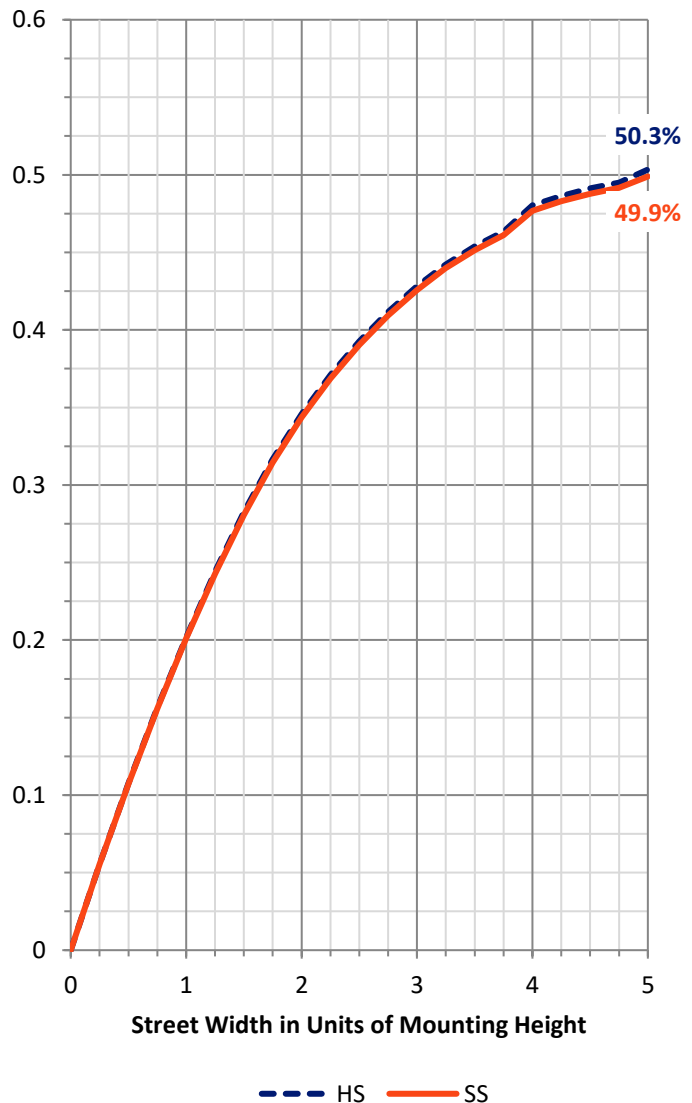
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	603.4	0.0	603.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	603.4	0.0	603.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	1206.9	0.0	1206.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.7
10°-20°	25.7	2.1
20°-30°	43.9	3.6
30°-40°	68.0	5.6
40°-50°	109.8	9.1
50°-60°	187.4	15.5
60°-70°	324.1	26.9
70°-80°	385.9	32.0
80°-90°	53.4	4.4
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°	1206.9	100.0
0°-180°	1206.9	100.0

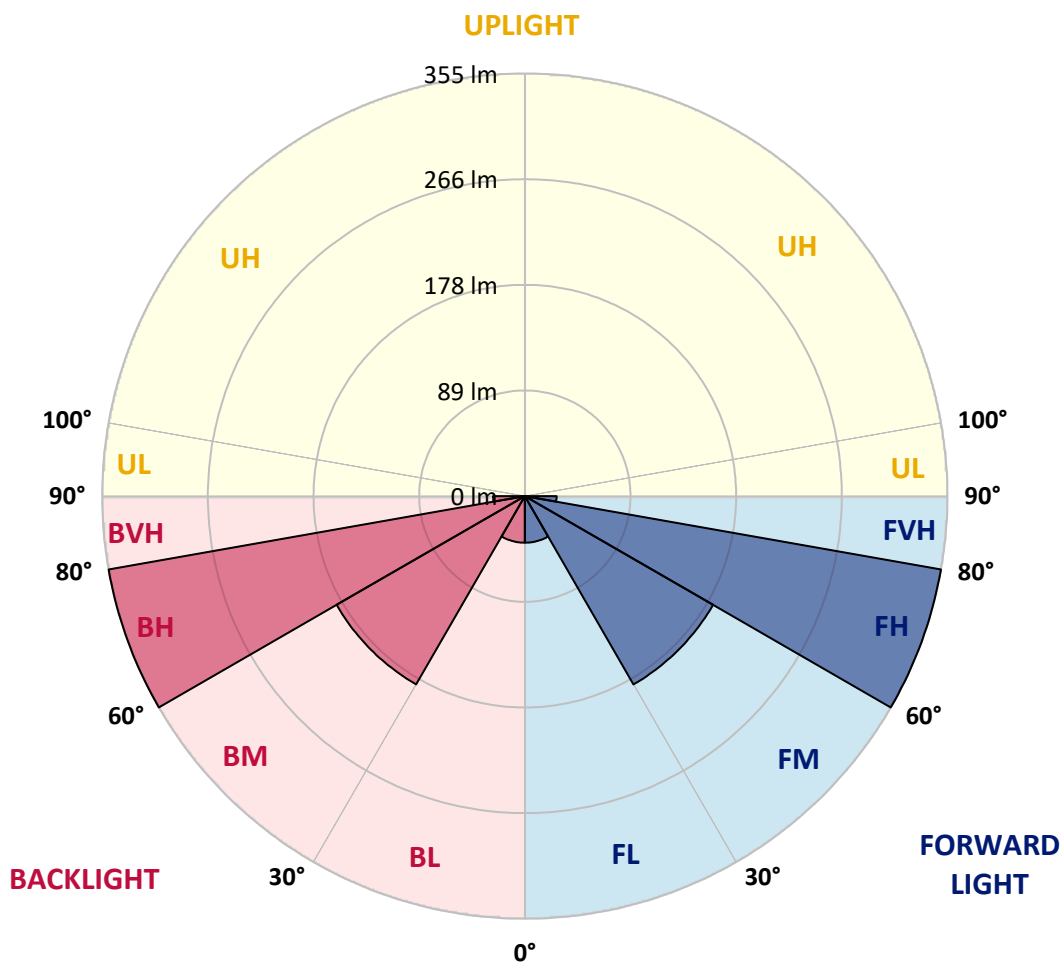


REPORT NUMBER: P682302
 CATALOG NUMBER: CCP-SA-1-AMB-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	39.1	3.2			
FM (30°-60°)	182.6	15.1			
FH (60°-80°)	355.0	29.4			G0/660
FVH (80°-90°)	26.7	2.2			G1/100
BL (0°-30°)	39.1	3.2	B0/110		
BM (30°-60°)	182.6	15.1	B0/220		
BH (60°-80°)	355.0	29.4	B1/500		G0/660
BVH (80°-90°)	26.7	2.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type V Medium





REPORT NUMBER: P682302
 CATALOG NUMBER: CCP-SA-1-AMB-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2.5°	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
5°	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
7.5°	91.0	91.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
10°	91.0	91.0	90.0	90.0	89.0	90.0	89.0	89.0	90.0	90.0	90.0
12.5°	91.0	91.0	90.0	90.0	89.0	90.0	89.0	89.0	90.0	90.0	90.0
15°	92.0	92.0	91.0	90.0	90.0	91.0	90.0	90.0	91.0	91.0	92.0
17.5°	93.0	93.0	91.0	91.0	91.0	91.0	91.0	90.0	91.0	92.0	92.0
20°	93.0	93.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.0	93.0
22.5°	94.0	94.0	92.0	92.0	92.0	92.0	92.0	91.0	92.0	93.0	93.0
25°	97.0	96.0	94.0	94.0	94.0	94.0	94.0	93.0	94.0	95.0	95.0
27.5°	99.0	98.0	96.0	96.0	96.0	96.0	96.0	96.0	97.0	98.0	98.0
30°	102.0	101.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	101.0	101.0
32.5°	104.0	104.0	103.0	103.0	102.0	103.0	102.0	102.0	103.0	103.0	103.0
35°	108.9	107.9	106.9	106.9	105.9	106.9	106.9	105.9	106.9	106.9	106.9
37.5°	114.9	113.9	112.9	111.9	111.9	112.9	110.9	109.9	111.9	112.9	111.9
40°	122.9	121.9	120.9	120.9	118.9	118.9	117.9	117.9	120.9	120.9	119.9
42.5°	131.9	130.9	129.9	129.9	127.9	129.9	126.9	126.9	129.9	129.9	128.9
45°	143.9	141.9	140.9	139.9	137.9	138.9	137.9	137.9	139.9	140.9	139.9
47.5°	155.9	153.9	152.9	152.9	150.9	151.9	149.9	149.9	153.9	153.9	153.9
50°	169.9	167.9	167.9	167.9	165.9	167.9	165.9	165.9	168.9	167.9	166.9
52.5°	184.9	182.9	183.9	183.9	183.9	186.9	184.9	183.9	185.9	183.9	181.9
55°	201.9	200.9	202.9	203.9	204.9	208.9	206.9	203.9	204.9	200.9	198.9
57.5°	222.9	221.9	225.9	229.9	234.9	239.9	236.9	228.9	227.9	220.9	218.9
60°	243.9	242.9	249.9	259.9	272.9	283.9	273.9	261.9	252.9	242.9	238.9
62.5°	264.9	264.9	274.9	293.9	317.8	335.8	318.8	294.9	279.9	265.9	262.9
65°	288.9	286.9	299.9	323.8	360.8	386.8	360.8	325.8	306.9	289.9	286.9
67.5°	322.8	321.8	331.8	354.8	395.8	422.8	389.8	355.8	334.8	315.9	310.9
70°	373.8	372.8	376.8	390.8	421.8	437.8	406.8	372.8	359.8	351.8	349.8
72.5°	410.8	410.8	418.8	435.8	447.8	450.8	410.8	398.8	401.8	395.8	395.8
75°	362.8	366.8	390.8	432.8	473.8	470.8	436.8	417.8	386.8	369.8	368.8
77.5°	230.9	237.9	277.9	349.8	427.8	480.8	427.8	353.8	269.9	228.9	236.9
80°	78.0	81.0	110.9	177.9	296.9	362.8	298.9	179.9	97.0	74.0	76.0
82.5°	23.0	27.0	38.0	54.0	118.9	185.9	113.9	54.0	35.0	27.0	25.0
85°	7.0	8.0	16.0	20.0	32.0	51.0	34.0	24.0	18.0	11.0	10.0
87.5°	2.0	2.0	5.0	6.0	10.0	6.0	11.0	11.0	9.0	4.0	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)