

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: P672863

Luminaire Tested: **CCP-SA-1A-827-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672863
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-827-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (16) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

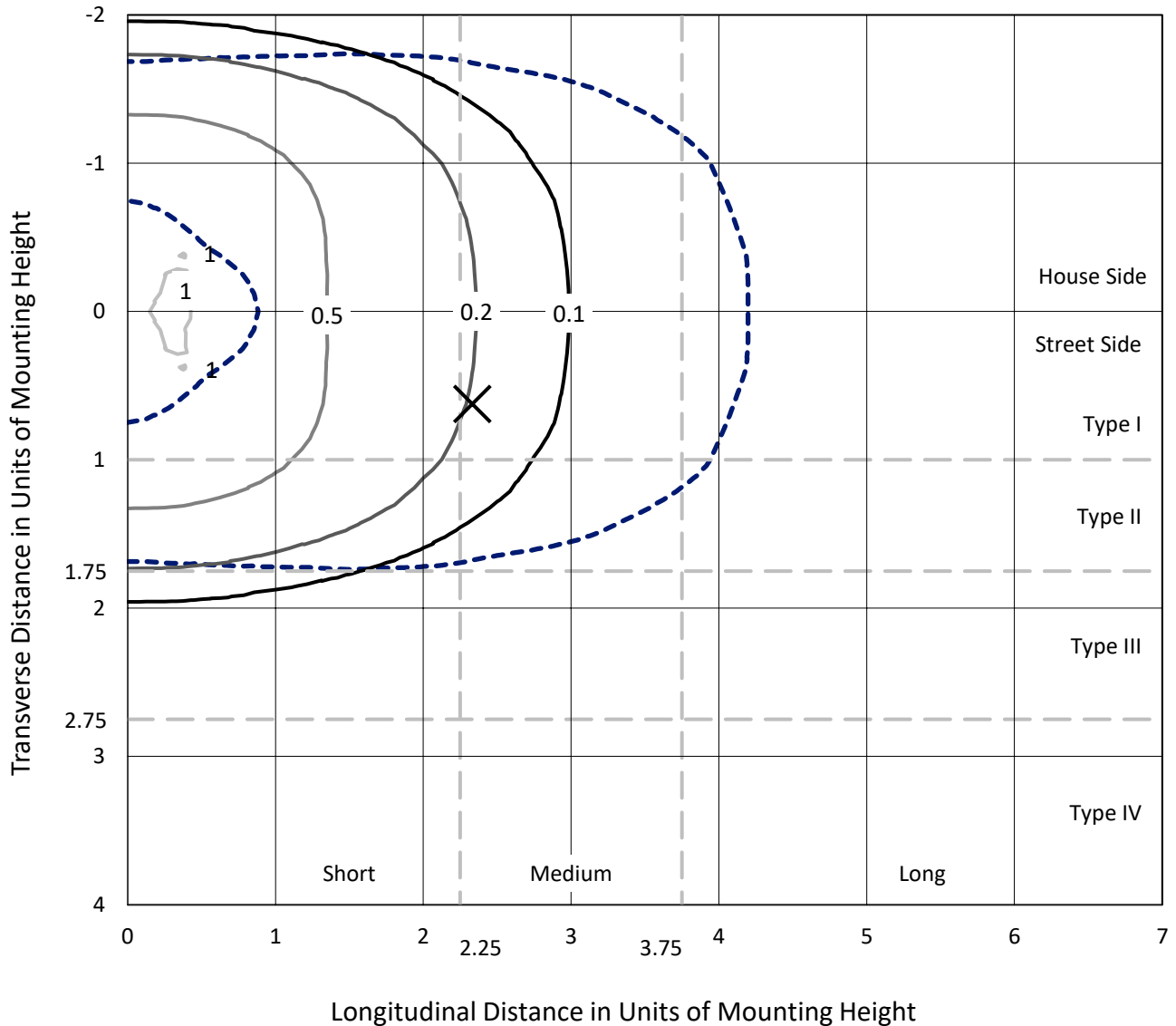
Lumens per Lamp: N/A
Luminaire Lumens: 2045.8 lumens
Efficiency: N/A
Efficacy: 113.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

REPORT NUMBER: P672863
 CATALOG NUMBER: CCP-SA-1A-827-U-RW

Iso-Footcandle Lines of Horizontal Illumination

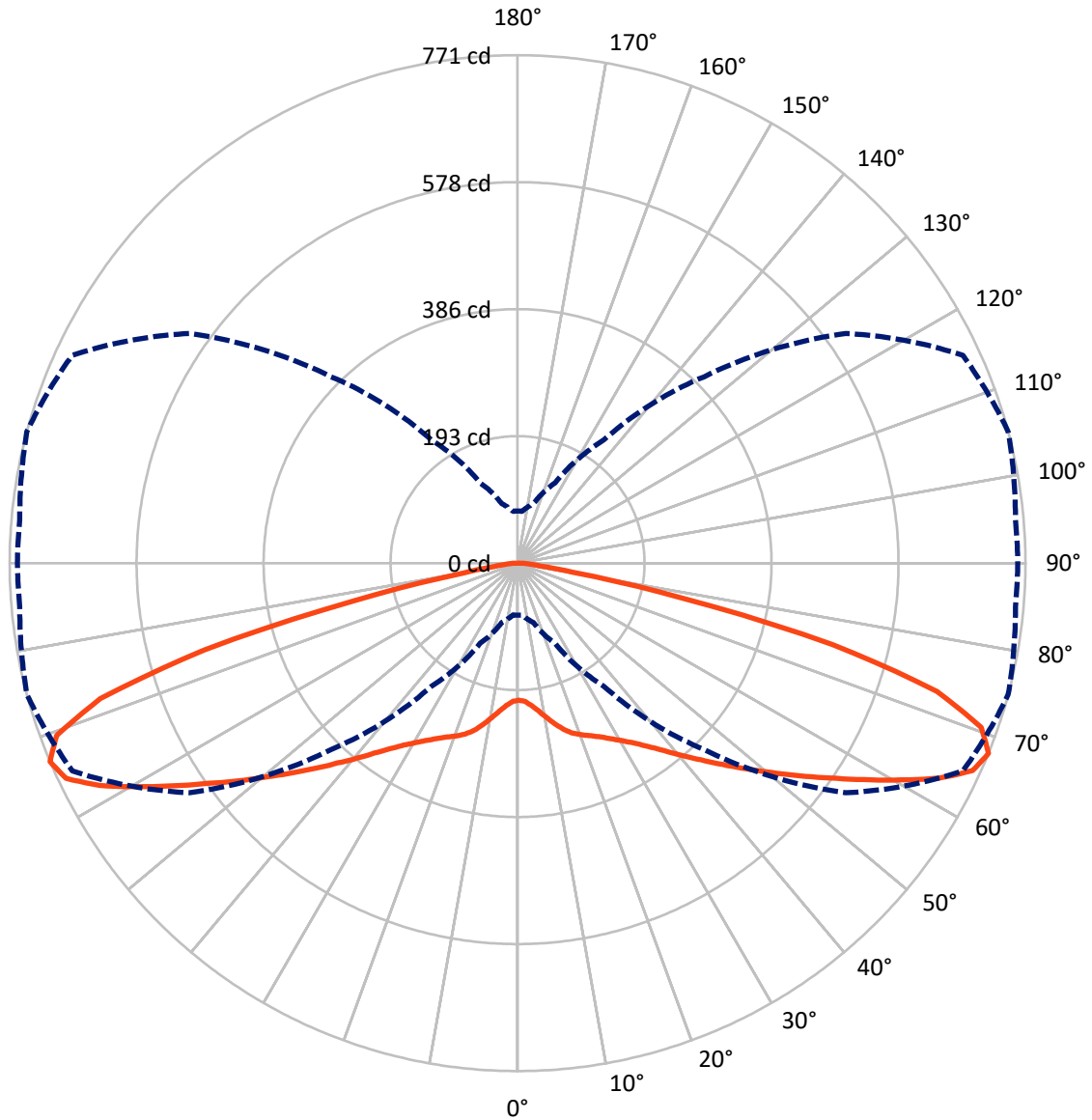
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
 Type II - Medium - N/A

REPORT NUMBER: P672863
CATALOG NUMBER: CCP-SA-1A-827-U-RW

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P672863
 CATALOG NUMBER: CCP-SA-1A-827-U-RW

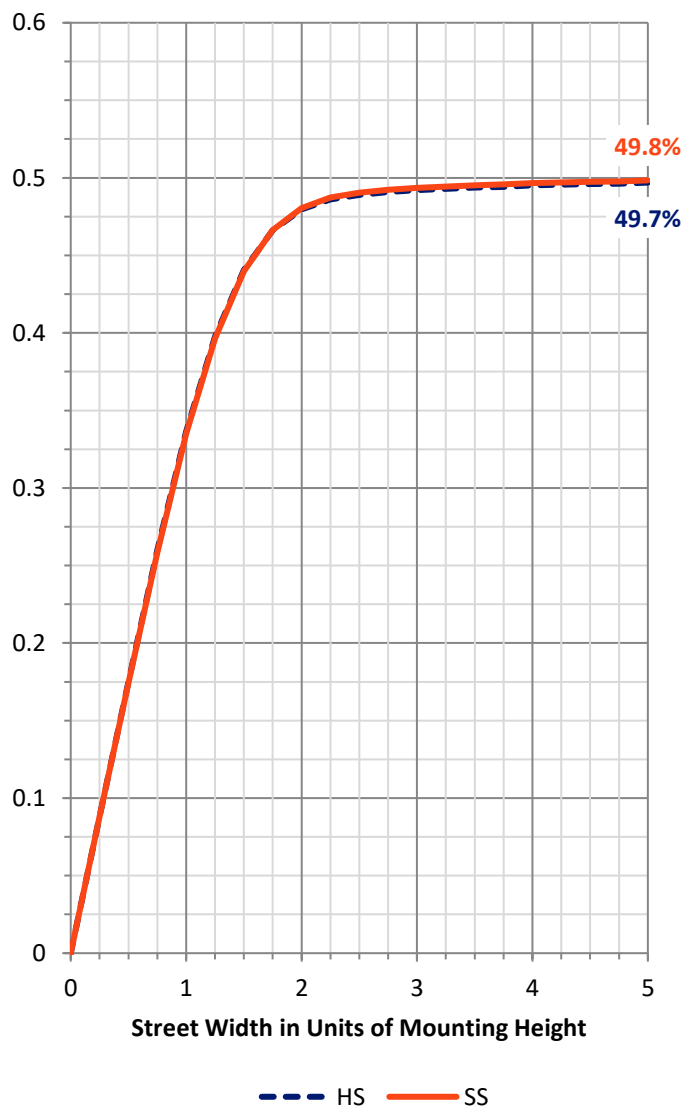
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1022.9	0.0	1022.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1022.9	0.0	1022.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	2045.8	0.0	2045.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	1.0
10°-20°	69.4	3.4
20°-30°	135.5	6.6
30°-40°	233.8	11.4
40°-50°	378.7	18.5
50°-60°	515.0	25.2
60°-70°	475.1	23.2
70°-80°	198.8	9.7
80°-90°	19.0	0.9
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°	2045.8	100.0
0°-180°	2045.8	100.0



REPORT NUMBER: P672863

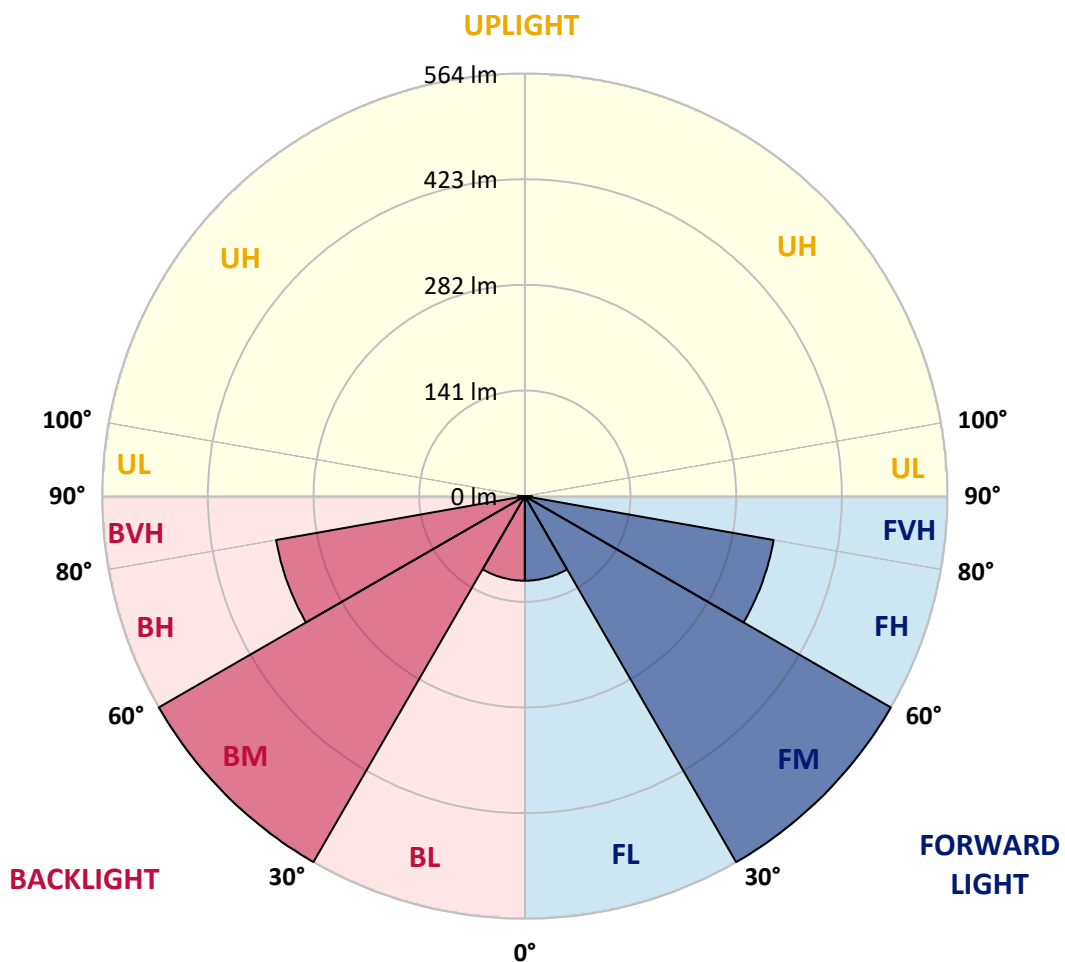
CATALOG NUMBER: CCP-SA-1A-827-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	112.7	5.5			
FM (30°-60°)	563.7	27.6			
FH (60°-80°)	337.0	16.5			G0/660
FVH (80°-90°)	9.5	0.5			G0/10
BL (0°-30°)	112.7	5.5	B1/500		
BM (30°-60°)	563.7	27.6	B1/1000		
BH (60°-80°)	337.0	16.5	B1/500		G1/500
BVH (80°-90°)	9.5	0.5			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Medium





REPORT NUMBER: P672863
 CATALOG NUMBER: CCP-SA-1A-827-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1
2.5°	206.8	206.8	207.4	208.1	208.4	209.0	209.2	209.2	210.0	209.9	210.0
5°	206.2	206.2	207.2	208.6	210.0	211.8	213.6	214.6	216.8	217.2	217.4
7.5°	206.8	206.9	208.4	210.6	213.1	216.4	219.7	222.5	226.2	227.5	228.4
10°	209.0	209.2	211.1	214.2	218.0	222.7	227.5	232.0	237.8	240.5	240.9
12.5°	212.4	212.5	215.3	220.3	225.8	231.7	237.1	242.7	250.0	254.0	254.9
15°	217.5	217.1	221.5	228.9	236.5	243.9	248.7	254.2	262.0	267.1	268.4
17.5°	224.6	224.9	230.3	239.7	249.2	256.7	261.5	264.6	271.4	276.7	278.0
20°	233.4	234.7	241.7	252.5	263.6	271.5	274.9	274.5	278.3	282.8	283.9
22.5°	245.9	246.8	255.2	267.4	280.1	288.3	289.6	284.8	284.6	287.6	288.9
25°	260.6	261.4	270.2	284.3	297.7	306.4	305.1	296.7	292.3	292.4	293.3
27.5°	277.8	279.3	288.4	302.8	316.7	324.6	322.7	310.5	301.8	299.2	298.6
30°	300.2	301.8	311.1	324.9	337.1	344.2	341.2	325.8	312.9	308.4	307.6
32.5°	329.3	329.2	338.7	352.1	360.7	365.2	359.5	342.0	325.6	319.8	318.6
35°	359.3	360.8	370.2	383.2	389.6	389.9	380.8	361.1	341.7	331.5	329.3
37.5°	393.2	393.9	404.8	417.0	421.3	418.9	405.4	383.5	361.1	350.4	346.5
40°	427.9	428.6	441.3	453.0	457.7	452.1	434.3	408.2	384.0	372.3	370.1
42.5°	460.1	462.0	476.1	489.9	494.5	488.0	466.6	435.2	408.3	397.0	394.0
45°	486.9	488.9	504.8	522.4	530.5	525.2	501.0	465.7	436.3	424.0	419.0
47.5°	507.0	509.7	526.6	547.7	563.5	562.5	537.6	497.9	466.3	451.8	447.3
50°	520.8	523.6	541.9	564.7	588.3	596.3	574.8	533.5	499.6	483.5	480.4
52.5°	521.9	524.4	545.2	573.6	605.3	622.8	611.4	571.0	536.4	519.7	517.4
55°	498.9	500.7	528.5	566.3	612.2	643.1	644.8	611.9	575.7	558.8	557.7
57.5°	446.3	448.8	482.0	532.0	600.7	656.1	673.8	654.7	620.1	604.2	603.3
60°	360.5	363.7	401.7	468.2	559.2	652.8	698.4	694.8	668.6	653.2	652.6
62.5°	254.3	255.5	295.1	368.3	478.0	616.9	710.3	734.0	719.0	703.4	704.2
65°	149.4	151.1	180.0	245.9	362.6	534.4	689.7	761.2	759.3	745.0	746.5
67.5°	79.0	79.0	93.5	134.4	228.0	400.1	607.8	746.2	771.2	758.7	759.4
70°	54.6	54.4	57.1	67.5	110.2	248.0	454.6	667.6	746.9	742.2	744.1
72.5°	46.2	45.9	46.0	47.5	56.0	112.1	276.1	514.2	665.9	673.1	674.7
75°	40.4	40.0	39.7	39.4	40.2	50.9	125.9	317.3	493.6	538.9	538.0
77.5°	34.9	34.6	34.3	33.2	32.1	33.4	51.5	142.7	253.9	299.6	296.4
80°	28.7	28.7	29.1	27.7	25.4	24.6	30.7	53.2	84.3	88.0	80.9
82.5°	22.5	22.5	24.7	22.7	20.0	17.8	21.3	28.4	34.3	27.8	22.7
85°	15.9	16.0	20.6	18.8	15.4	10.3	13.2	16.9	19.3	12.2	9.6
87.5°	6.5	6.9	12.8	10.1	9.7	5.1	6.2	7.5	9.6	5.1	4.1
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)