

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: P672732

Luminaire Tested: **CCP-SA-1C-830-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672732
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-830-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (16) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3738.5 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

Input Watts (W): 32
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

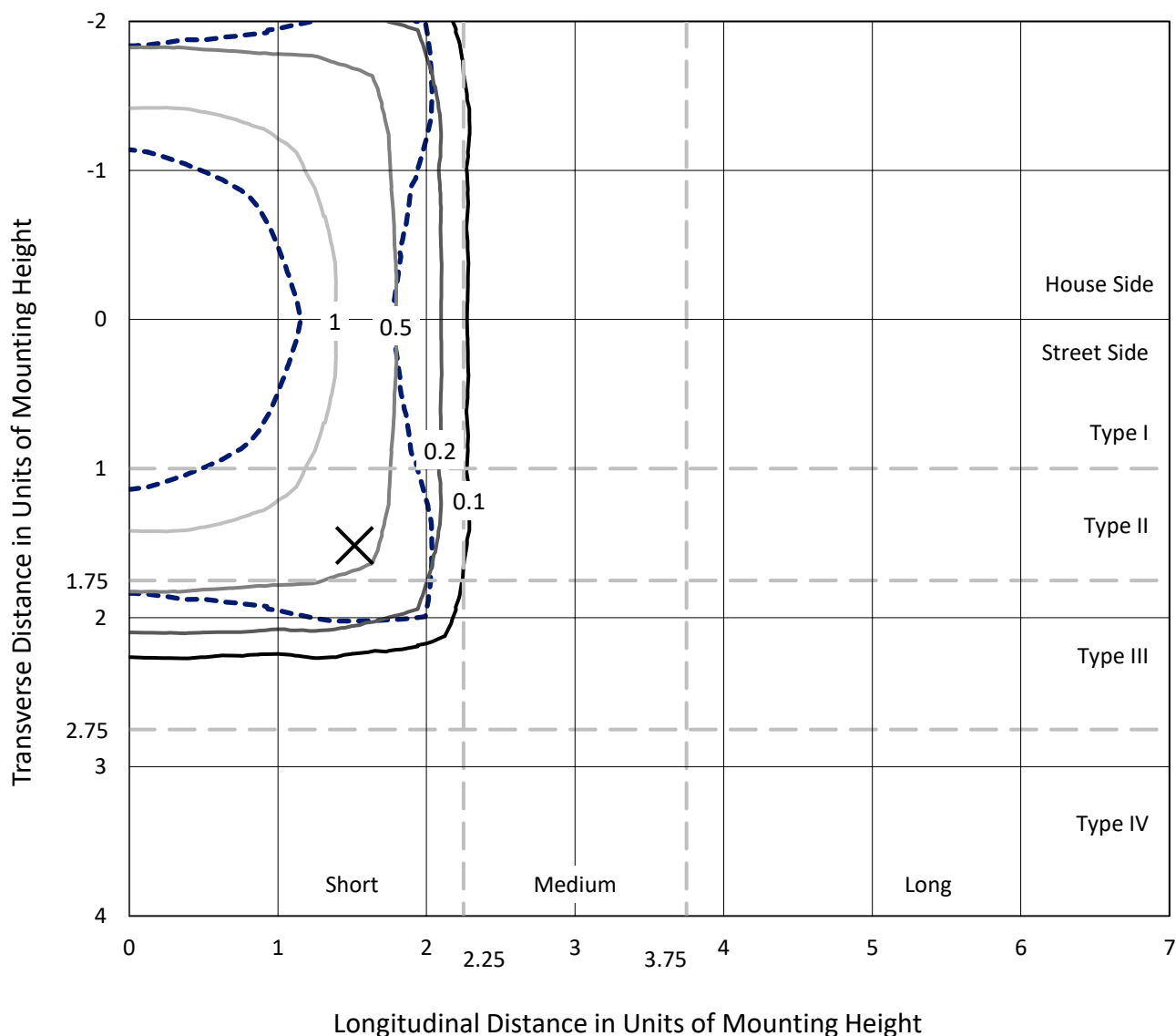
REPORT NUMBER: P672732

CATALOG NUMBER: CCP-SA-1C-830-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

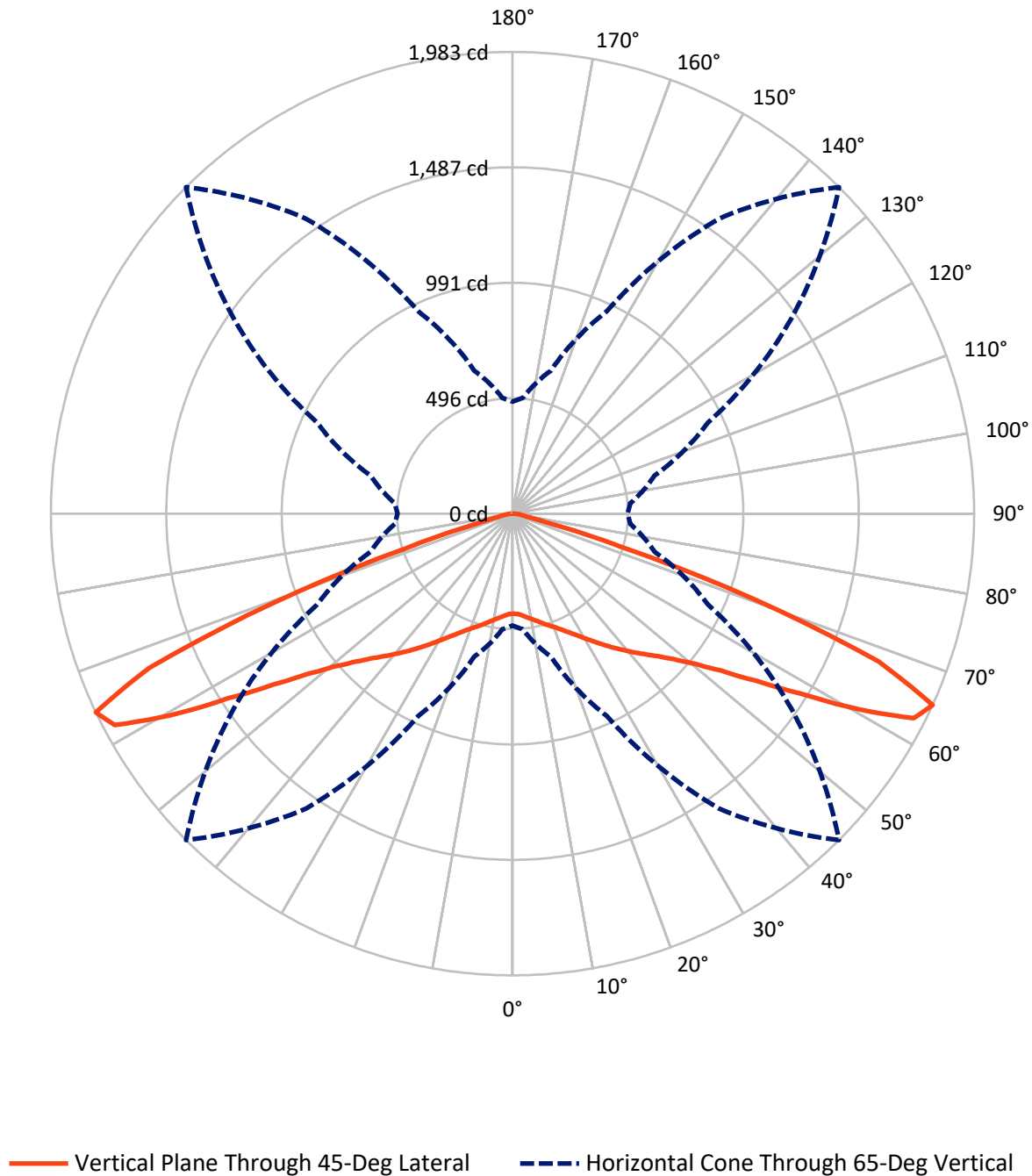


Based on 15 foot mounting height. Maximum calculated value = 2 fc

Type V - Short - N/A

REPORT NUMBER: P672732
CATALOG NUMBER: CCP-SA-1C-830-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672732

CATALOG NUMBER: CCP-SA-1C-830-U-5NQ

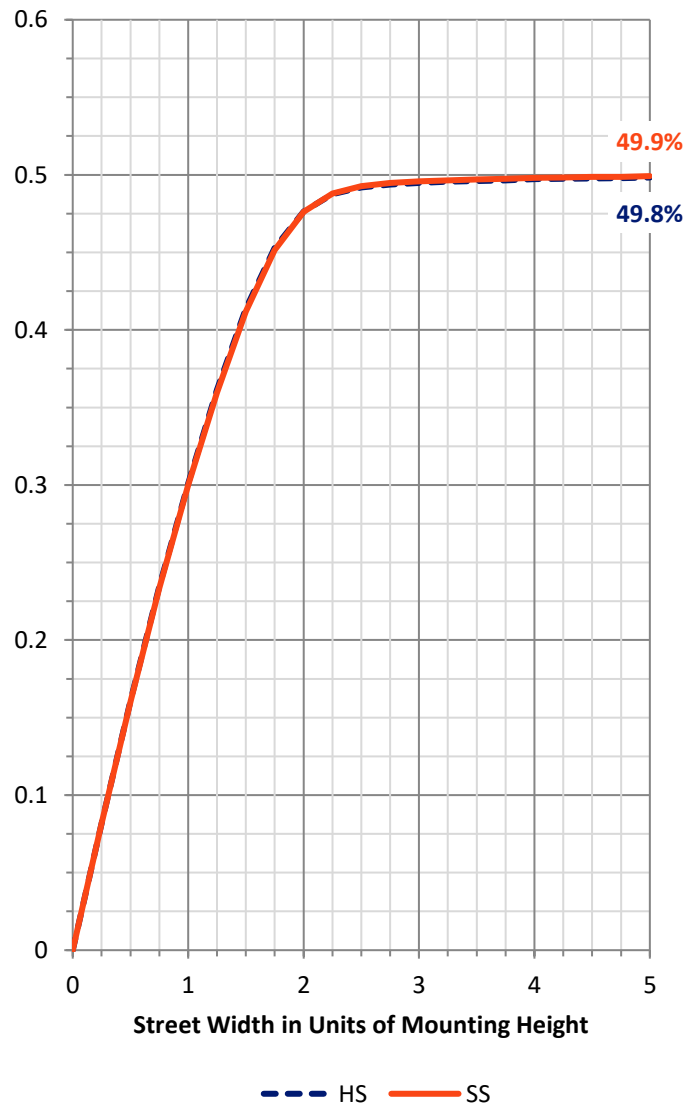
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1869.3	0.0	1869.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1869.3	0.0	1869.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	3738.5	0.0	3738.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.6	1.1
10°-20°	139.0	3.7
20°-30°	263.6	7.1
30°-40°	442.1	11.8
40°-50°	699.5	18.7
50°-60°	1099.0	29.4
60°-70°	928.6	24.8
70°-80°	108.1	2.9
80°-90°	16.1	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°	3738.5	100.0
0°-180°	3738.5	100.0

Coefficient of Utilization



REPORT NUMBER: P672732

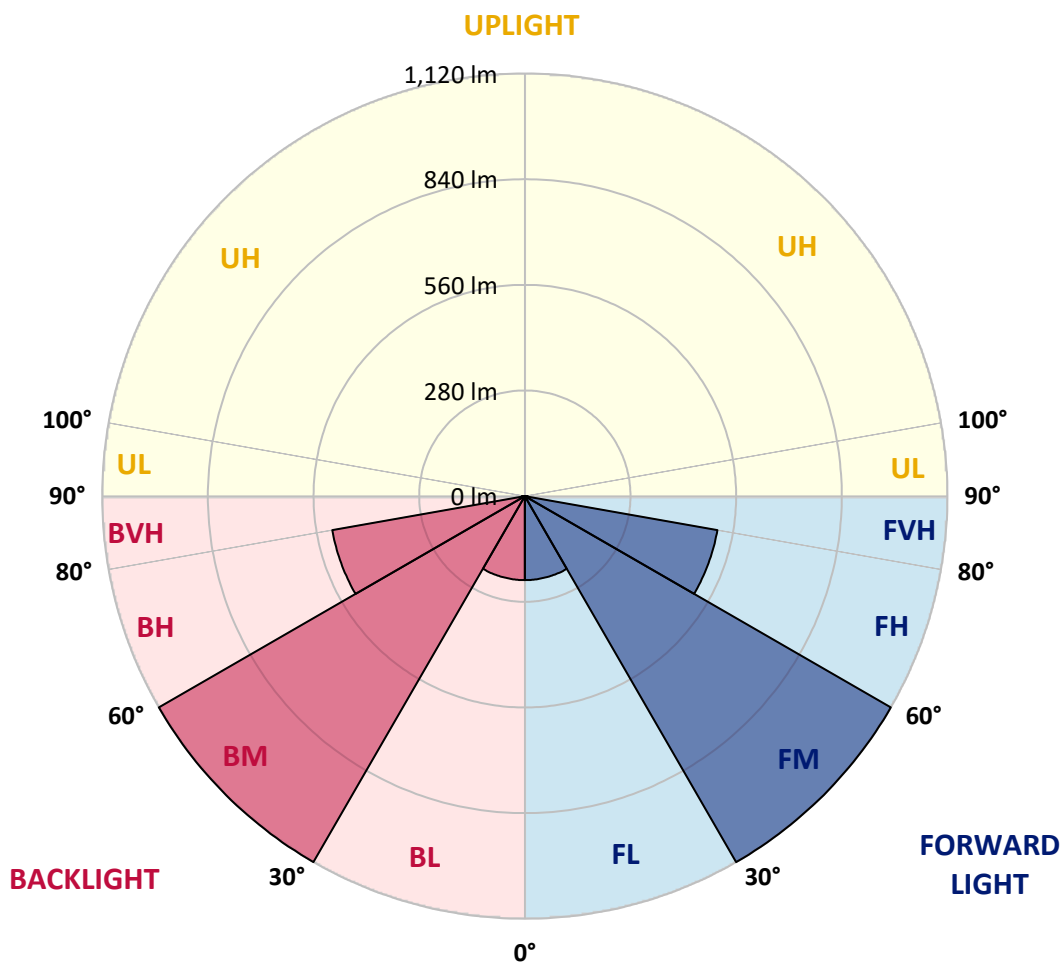
CATALOG NUMBER: CCP-SA-1C-830-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	222.6	6.0			
FM	(30°-60°)	1120.3	30.0			
FH	(60°-80°)	518.3	13.9			G0/660
FVH	(80°-90°)	8.1	0.2			G0/10
BL	(0°-30°)	222.6	6.0	B1/500		
BM	(30°-60°)	1120.3	30.0	B2/2500		
BH	(60°-80°)	518.3	13.9	B2/1000		G0/660
BVH	(80°-90°)	8.1	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





REPORT NUMBER: P672732

CATALOG NUMBER: CCP-SA-1C-830-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	429.9	429.9	429.9	429.9	429.9	429.9	429.9	429.9	429.9	429.9	429.9
2.5°	432.2	430.9	432.2	432.2	431.4	431.7	430.7	430.4	431.7	430.7	430.4
5°	441.2	440.1	441.2	440.4	439.1	439.3	437.7	437.2	438.8	437.2	437.5
7.5°	451.4	449.6	450.1	450.9	449.6	449.6	448.3	447.5	448.3	446.7	447.7
10°	460.1	458.5	459.3	460.3	460.1	460.9	459.6	459.0	458.2	456.4	458.0
12.5°	471.4	470.9	471.9	473.2	472.7	473.7	470.9	470.1	469.8	467.7	469.5
15°	486.1	484.8	486.6	488.2	487.4	489.2	486.9	485.8	484.5	481.9	483.5
17.5°	500.8	499.8	502.4	503.2	503.4	505.0	503.2	501.6	501.1	499.2	498.2
20°	518.4	517.1	519.2	520.8	519.5	521.3	520.5	519.5	518.9	516.0	515.8
22.5°	538.1	536.3	539.4	541.3	539.4	541.3	539.7	539.4	539.7	535.5	536.0
25°	560.2	560.5	563.6	564.9	563.9	564.9	562.6	564.1	563.3	558.9	557.3
27.5°	588.6	587.5	590.9	594.9	592.2	592.2	591.2	592.8	592.5	588.3	587.3
30°	621.7	621.4	626.4	628.8	625.1	623.5	623.3	627.2	627.5	623.0	621.1
32.5°	656.4	656.4	662.4	665.3	660.0	659.0	657.9	663.2	662.4	656.4	652.4
35°	694.5	692.9	701.0	705.2	700.0	696.8	696.3	701.0	700.0	691.6	686.8
37.5°	732.0	733.1	742.5	747.3	741.0	737.0	738.3	741.5	741.8	732.6	727.6
40°	778.0	778.3	790.1	793.8	785.6	779.6	781.4	788.5	788.0	776.7	770.4
42.5°	829.5	828.5	843.2	846.3	835.3	823.7	829.3	840.3	842.9	830.3	823.7
45°	884.7	886.3	901.5	904.9	887.6	872.9	884.7	901.2	904.7	891.0	882.9
47.5°	951.7	953.5	971.9	973.2	953.5	934.4	950.1	971.7	973.0	954.1	944.6
50°	1028.2	1034.5	1055.0	1057.6	1038.1	1013.4	1036.0	1055.2	1050.2	1025.0	1016.3
52.5°	1114.9	1119.9	1151.9	1162.9	1145.9	1119.3	1137.5	1149.3	1133.3	1100.1	1086.7
55°	1188.7	1197.1	1239.7	1273.3	1286.2	1266.2	1264.1	1246.8	1202.1	1151.6	1137.7
57.5°	1209.5	1217.6	1283.6	1370.3	1446.7	1456.7	1410.5	1323.5	1227.3	1149.5	1135.4
60°	1125.1	1136.1	1232.6	1396.8	1616.2	1706.6	1539.5	1330.1	1161.9	1057.6	1039.7
62.5°	883.6	904.1	1028.7	1286.2	1684.5	1934.1	1592.6	1216.8	964.6	841.3	817.7
65°	480.6	498.2	635.6	958.5	1546.0	1982.7	1462.5	926.5	630.9	507.1	494.2
67.5°	180.2	193.1	256.2	473.7	1093.1	1695.0	1110.1	530.5	286.4	205.5	187.3
70°	76.7	78.3	92.8	165.0	496.9	1102.8	568.3	180.2	95.6	77.2	75.1
72.5°	55.2	55.4	59.4	73.0	151.3	483.7	171.8	75.7	58.3	52.6	52.6
75°	44.1	44.4	46.8	52.8	71.5	142.4	74.1	53.1	45.2	41.3	40.7
77.5°	34.7	35.2	37.6	41.3	47.8	65.2	50.2	41.8	36.3	32.6	32.1
80°	25.7	26.5	29.7	31.5	33.6	43.4	36.5	32.6	28.9	25.0	24.2
82.5°	17.1	17.9	22.1	23.4	23.1	27.3	25.2	25.0	22.1	16.6	15.8
85°	10.2	10.8	14.2	15.2	14.2	13.4	16.0	17.3	15.5	10.8	10.0
87.5°	4.5	4.5	6.3	6.6	6.3	5.0	7.6	8.9	9.2	5.5	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)