

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: P672694

Luminaire Tested: **CCP-SA-2C-740-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672694
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-740-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9408.8 lumens
Efficiency: N/A
Efficacy: 151.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

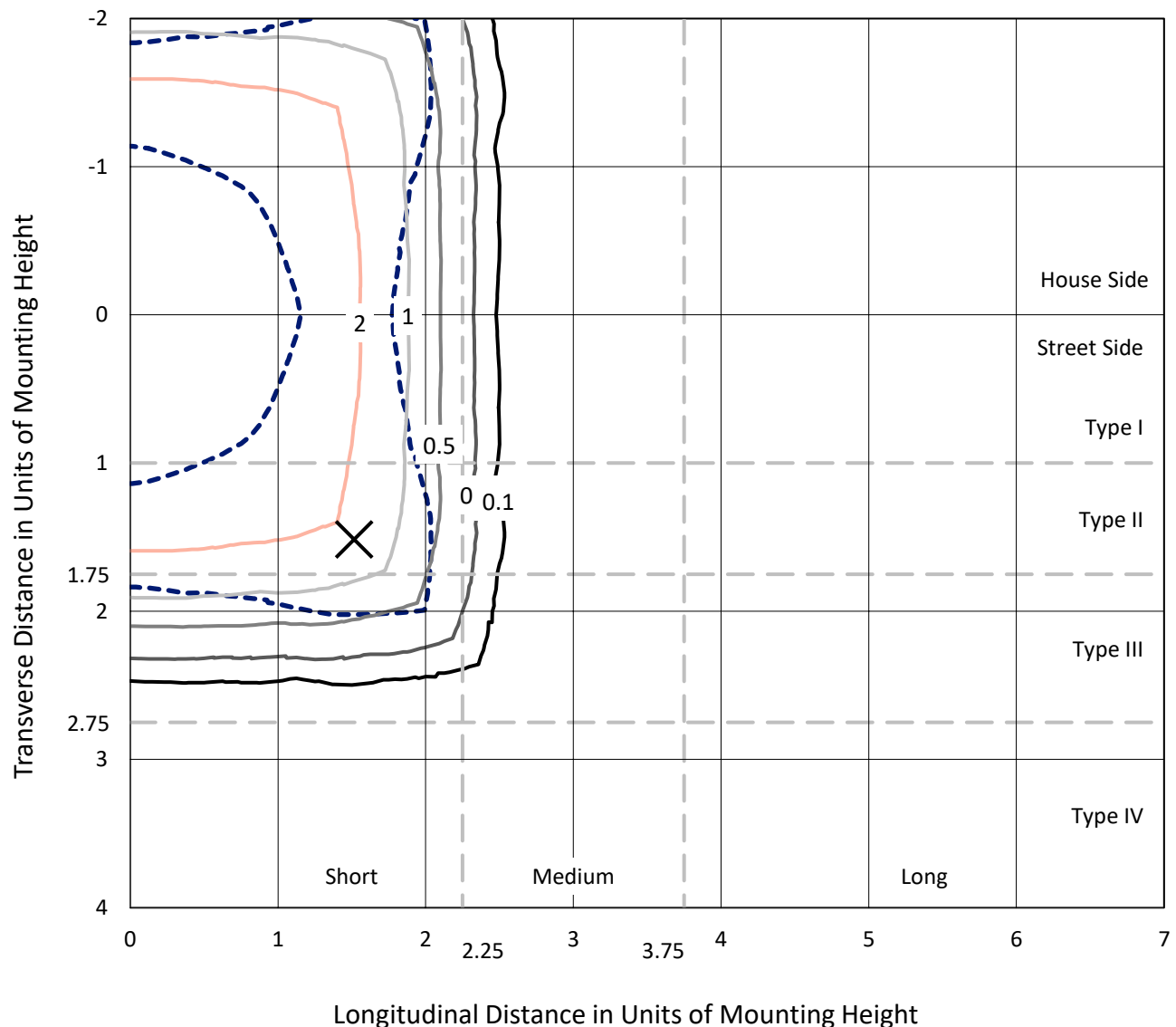
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672694

CATALOG NUMBER: CCP-SA-2C-740-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

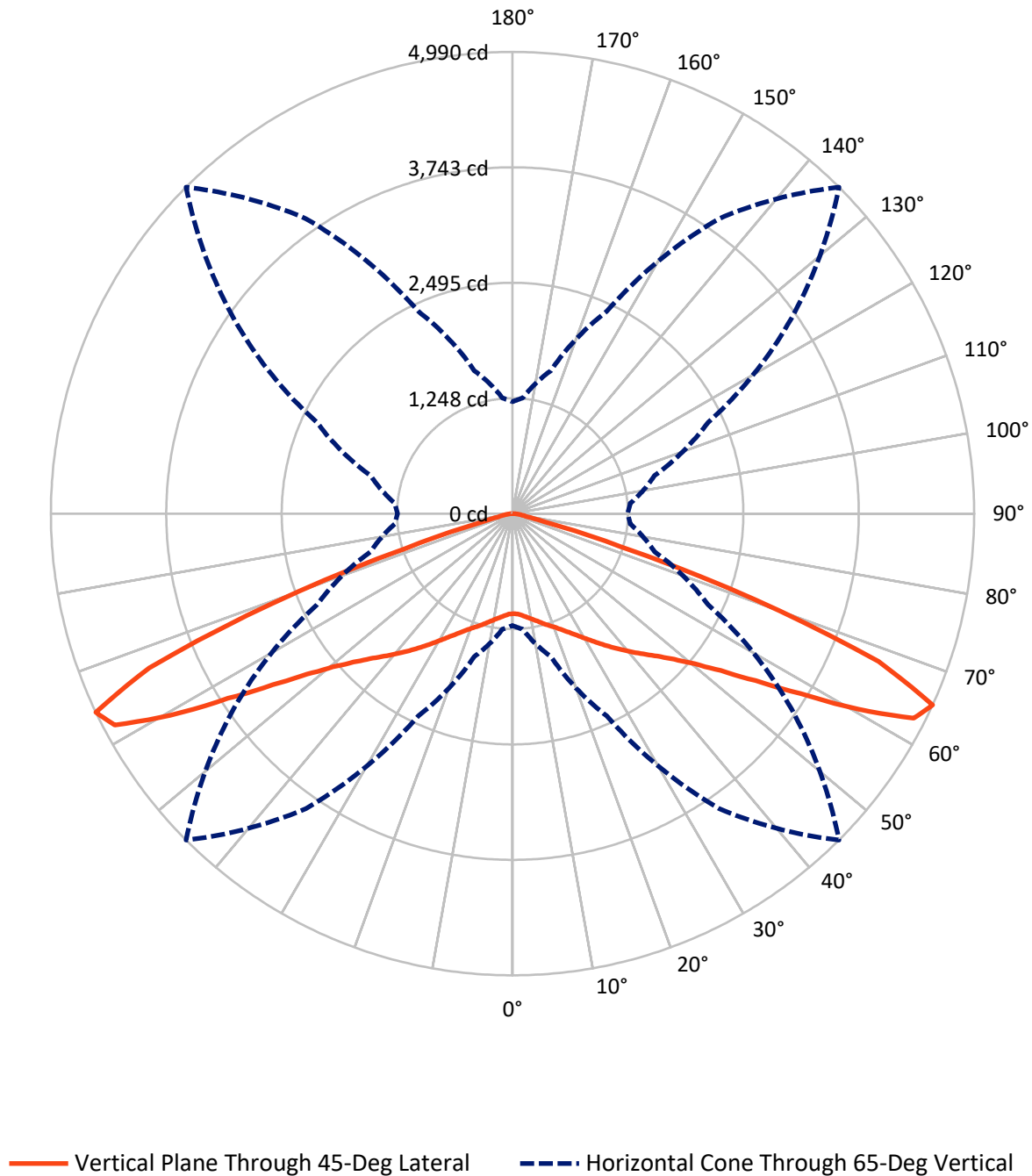
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.9 fc
 Type V - Short - N/A

REPORT NUMBER: P672694
CATALOG NUMBER: CCP-SA-2C-740-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672694

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4704.4	0.0	4704.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4704.4	0.0	4704.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	9408.8	0.0	9408.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.1	1.1
10°-20°	349.8	3.7
20°-30°	663.4	7.1
30°-40°	1112.6	11.8
40°-50°	1760.5	18.7
50°-60°	2765.8	29.4
60°-70°	2336.9	24.8
70°-80°	272.1	2.9
80°-90°	40.5	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°	9408.8	100.0
0°-180°	9408.8	100.0

Coefficient of Utilization



REPORT NUMBER: P672694

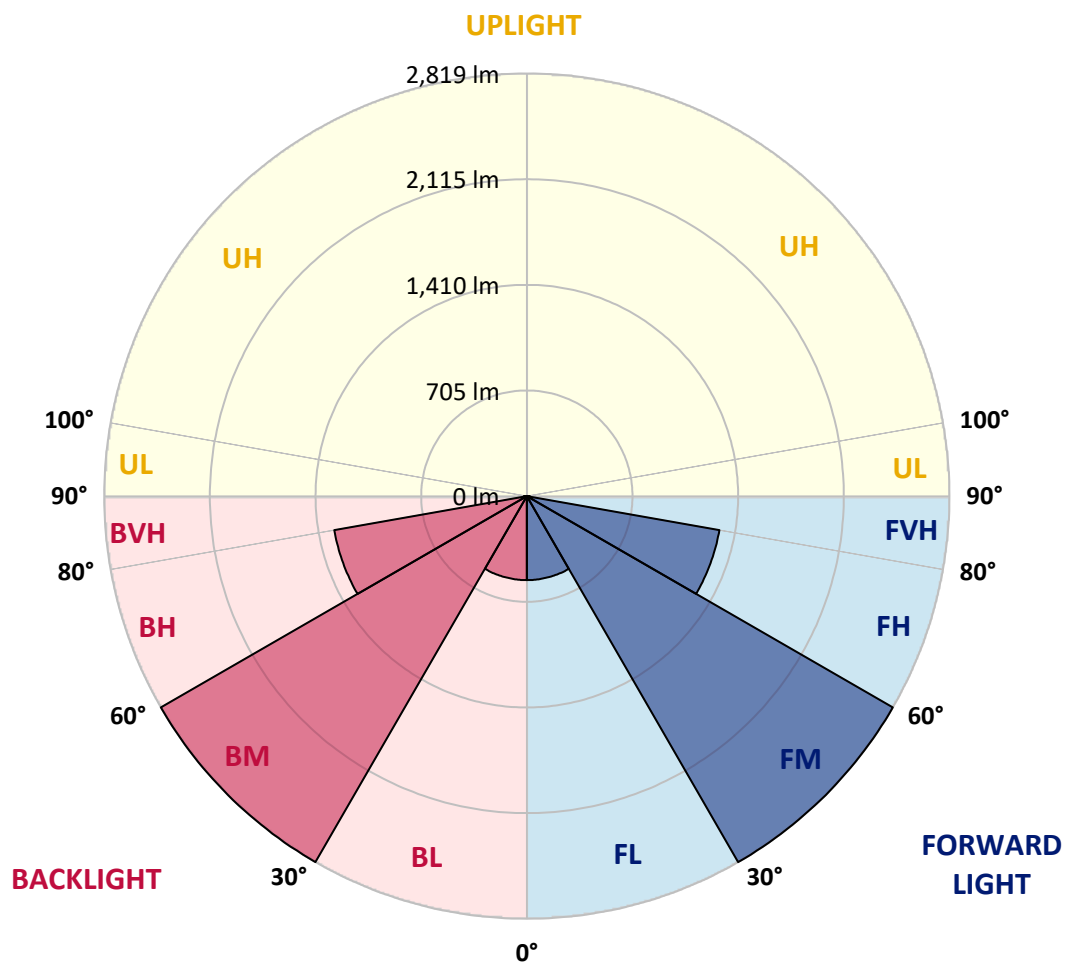
CATALOG NUMBER: CCP-SA-2C-740-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	560.2	6.0			
FM	(30°-60°)	2819.5	30.0			
FH	(60°-80°)	1304.5	13.9			G1/1800
FVH	(80°-90°)	20.3	0.2			G1/100
BL	(0°-30°)	560.2	6.0	B2/1000		
BM	(30°-60°)	2819.5	30.0	B3/5000		
BH	(60°-80°)	1304.5	13.9	B3/2500		G1/1800
BVH	(80°-90°)	20.3	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





REPORT NUMBER: P672694

CATALOG NUMBER: CCP-SA-2C-740-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1081.8	1081.8	1081.8	1081.8	1081.8	1081.8	1081.8	1081.8	1081.8	1081.8	1081.8
2.5°	1087.8	1084.5	1087.8	1087.8	1085.8	1086.5	1083.8	1083.2	1086.5	1083.8	1083.2
5°	1110.3	1107.6	1110.3	1108.3	1105.0	1105.7	1101.7	1100.4	1104.3	1100.4	1101.0
7.5°	1136.1	1131.4	1132.8	1134.7	1131.4	1131.4	1128.1	1126.2	1128.1	1124.2	1126.8
10°	1157.9	1153.9	1155.9	1158.6	1157.9	1159.9	1156.6	1155.2	1153.3	1148.6	1152.6
12.5°	1186.3	1185.0	1187.6	1191.0	1189.6	1192.3	1185.0	1183.0	1182.4	1177.1	1181.7
15°	1223.4	1220.1	1224.7	1228.6	1226.7	1231.3	1225.3	1222.7	1219.4	1212.8	1216.7
17.5°	1260.4	1257.7	1264.4	1266.3	1267.0	1271.0	1266.3	1262.4	1261.1	1256.4	1253.8
20°	1304.7	1301.4	1306.7	1310.6	1307.3	1312.0	1310.0	1307.3	1306.0	1298.7	1298.1
22.5°	1354.3	1349.7	1357.6	1362.2	1357.6	1362.2	1358.3	1357.6	1358.3	1347.7	1349.0
25°	1409.8	1410.5	1418.4	1421.7	1419.1	1421.7	1415.8	1419.8	1417.8	1406.5	1402.6
27.5°	1481.3	1478.6	1487.2	1497.1	1490.5	1490.5	1487.9	1491.8	1491.2	1480.6	1477.9
30°	1564.6	1563.9	1576.5	1582.4	1573.2	1569.2	1568.5	1578.5	1579.1	1567.9	1563.3
32.5°	1651.9	1651.9	1667.1	1674.3	1661.1	1658.5	1655.8	1669.1	1667.1	1651.9	1641.9
35°	1747.7	1743.8	1764.3	1774.9	1761.6	1753.7	1752.4	1764.3	1761.6	1740.5	1728.6
37.5°	1842.3	1845.0	1868.8	1880.7	1864.8	1854.9	1858.2	1866.1	1866.8	1843.6	1831.1
40°	1958.0	1958.7	1988.5	1997.7	1977.2	1962.0	1966.6	1984.5	1983.2	1954.7	1938.9
42.5°	2087.6	2085.0	2122.0	2130.0	2102.2	2073.1	2087.0	2114.8	2121.4	2089.6	2073.1
45°	2226.5	2230.5	2268.8	2277.4	2233.8	2196.8	2226.5	2268.2	2276.8	2242.4	2221.9
47.5°	2395.1	2399.8	2446.1	2449.4	2399.8	2351.5	2391.2	2445.4	2448.7	2401.1	2377.3
50°	2587.6	2603.4	2655.0	2661.6	2612.7	2550.5	2607.4	2655.7	2643.1	2579.6	2557.8
52.5°	2805.8	2818.4	2899.0	2926.8	2883.8	2817.0	2862.7	2892.4	2852.1	2768.8	2735.0
55°	2991.6	3012.8	3119.9	3204.5	3236.9	3186.7	3181.4	3137.7	3025.3	2898.4	2863.3
57.5°	3043.8	3064.3	3230.3	3448.5	3641.0	3666.1	3549.7	3330.8	3088.8	2893.1	2857.4
60°	2831.6	2859.4	3102.0	3515.3	4067.5	4295.0	3874.4	3347.4	2924.2	2661.6	2616.7
62.5°	2223.9	2275.4	2588.9	3236.9	4239.4	4867.6	4008.0	3062.4	2427.5	2117.4	2057.9
65°	1209.5	1253.8	1599.6	2412.3	3890.9	4990.0	3680.7	2331.7	1587.7	1276.3	1243.9
67.5°	453.6	486.0	644.7	1192.3	2750.9	4265.9	2793.9	1335.1	720.8	517.1	471.5
70°	193.1	197.1	233.4	415.3	1250.5	2775.4	1430.3	453.6	240.7	194.4	189.1
72.5°	138.9	139.5	149.4	183.8	380.9	1217.4	432.5	190.4	146.8	132.3	132.3
75°	111.1	111.8	117.7	132.9	179.9	358.4	186.5	133.6	113.7	103.8	102.5
77.5°	87.3	88.6	94.6	103.8	120.4	164.0	126.3	105.1	91.3	82.0	80.7
80°	64.8	66.8	74.7	79.4	84.6	109.1	91.9	82.0	72.7	62.8	60.8
82.5°	43.0	45.0	55.5	58.9	58.2	68.8	63.5	62.8	55.5	41.7	39.7
85°	25.8	27.1	35.7	38.4	35.7	33.7	40.3	43.6	39.0	27.1	25.1
87.5°	11.2	11.2	15.9	16.5	15.9	12.6	19.2	22.5	23.1	13.9	12.6
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)