

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: P672402

Luminaire Tested: **CCP-SA-1E-740-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672402
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-740-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7165.9 lumens
Efficiency: N/A
Efficacy: 127.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 56.1
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

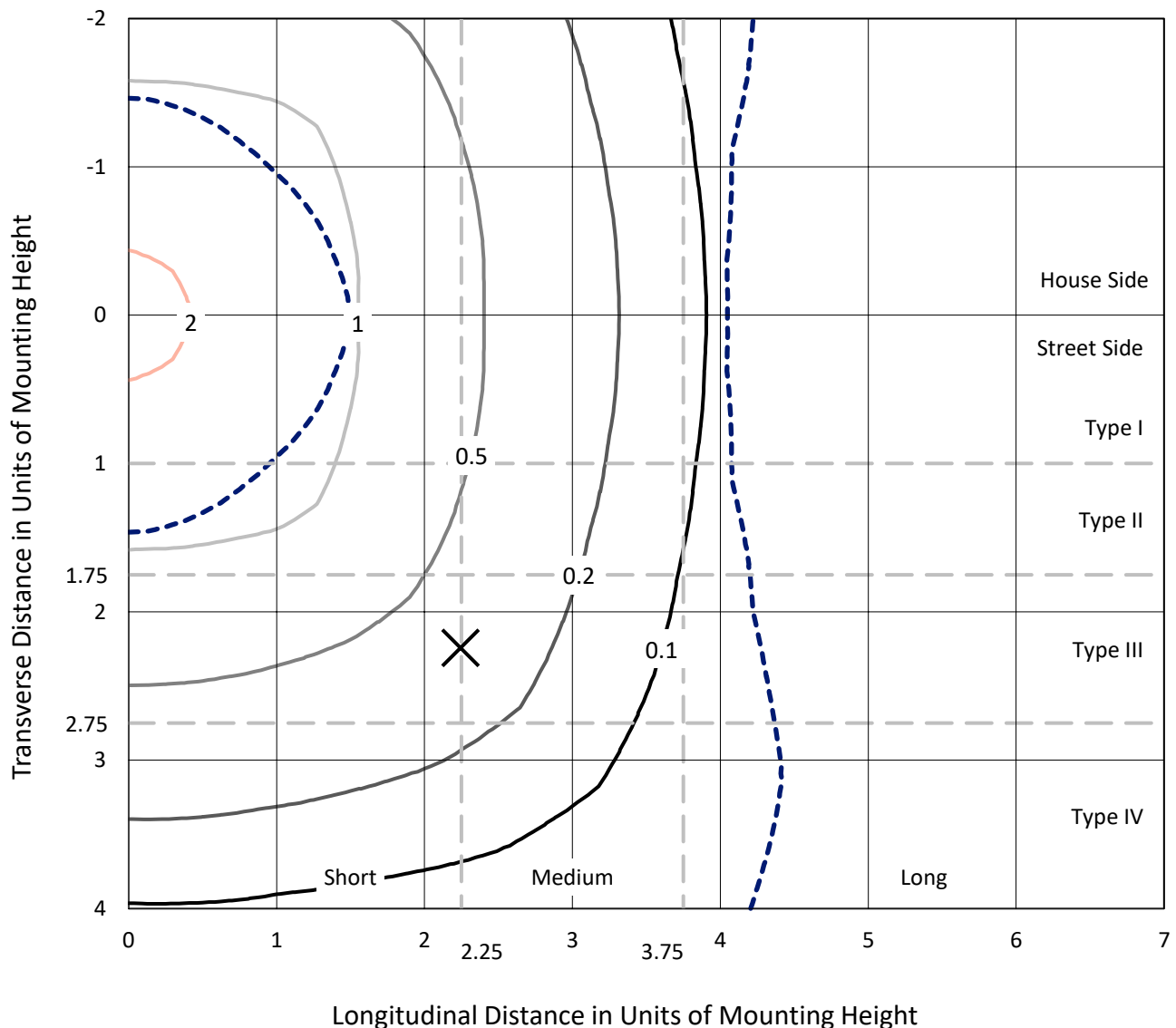
REPORT NUMBER: P672402

CATALOG NUMBER: CCP-SA-1E-740-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

✗ Max cd

--- 1/2 Max cd

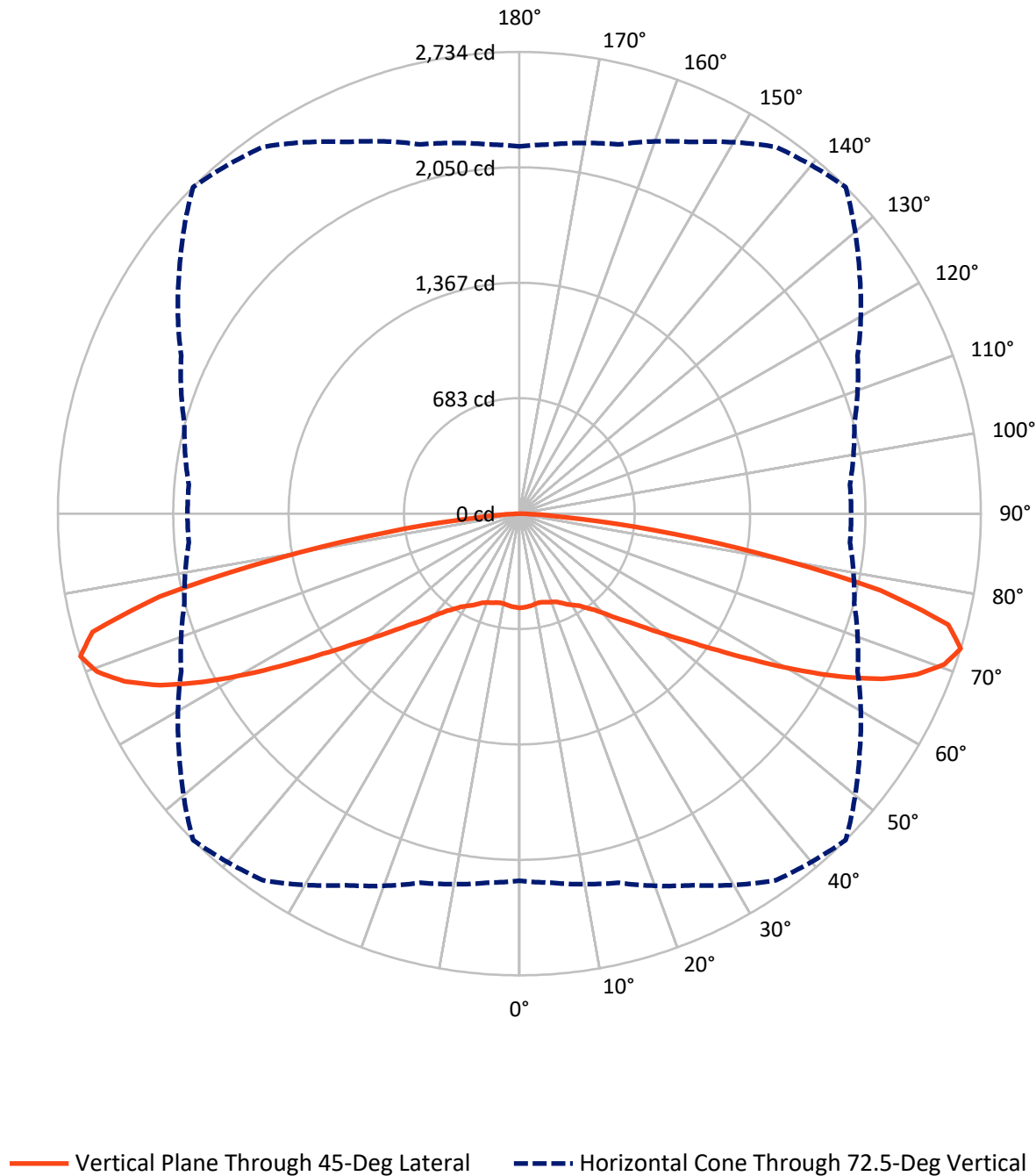


Based on 15 foot mounting height. Maximum calculated value = 2.5 fc

Type V - Short - N/A

REPORT NUMBER: P672402
CATALOG NUMBER: CCP-SA-1E-740-U-5WQ

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3582.9	0.0	3582.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3582.9	0.0	3582.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	7165.9	0.0	7165.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	0.7
10°-20°	155.6	2.2
20°-30°	273.4	3.8
30°-40°	436.2	6.1
40°-50°	729.3	10.2
50°-60°	1248.1	17.4
60°-70°	2060.5	28.8
70°-80°	1974.8	27.6
80°-90°	235.5	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°	7165.9	100.0
0°-180°	7165.9	100.0



REPORT NUMBER: P672402

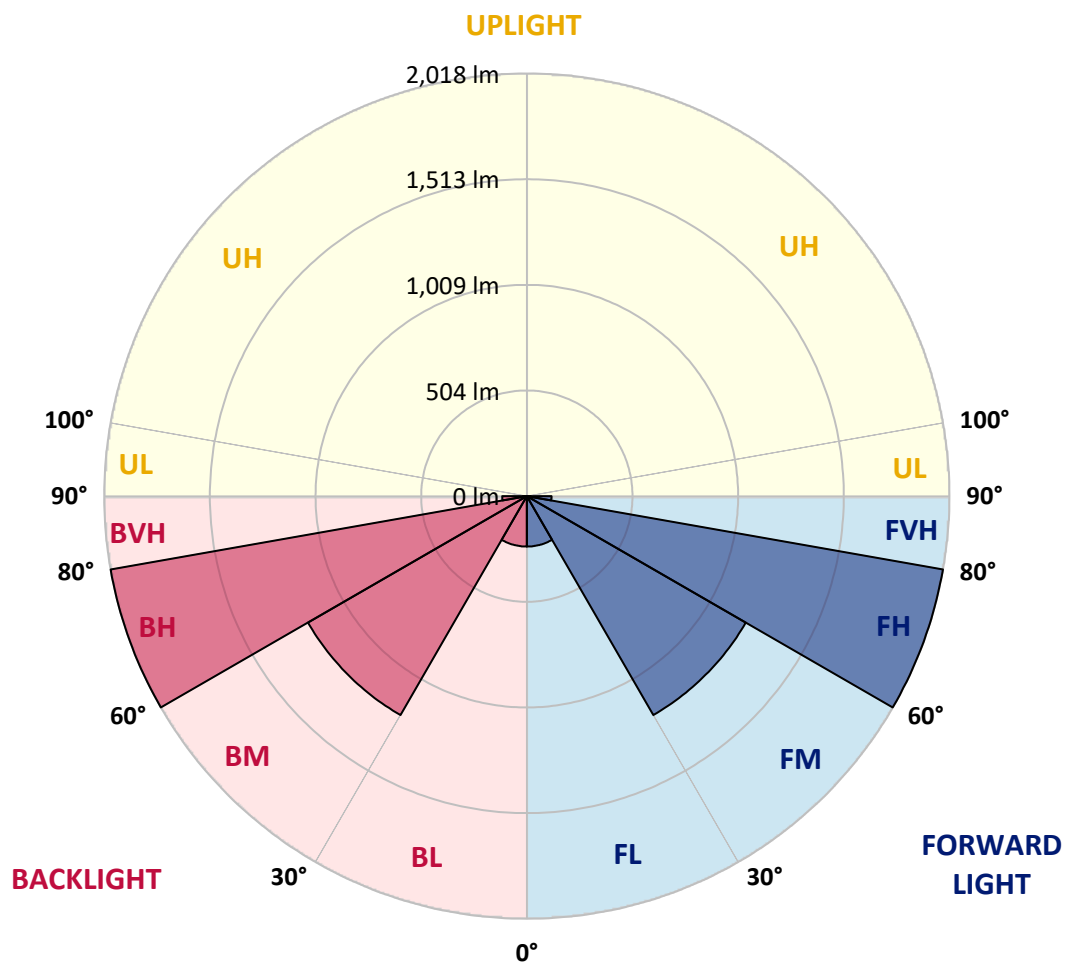
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	240.7	3.4			
FM	(30°-60°)	1206.8	16.8			
FH	(60°-80°)	2017.7	28.2			G2/5000
FVH	(80°-90°)	117.8	1.6			G2/225
BL	(0°-30°)	240.7	3.4	B1/500		
BM	(30°-60°)	1206.8	16.8	B2/2500		
BH	(60°-80°)	2017.7	28.2	B3/2500		G2/5000
BVH	(80°-90°)	117.8	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	558.0	558.0	558.0	558.0	558.0	558.0	558.0	558.0	558.0	558.0	558.0
2.5°	554.5	554.5	556.0	556.5	556.0	555.5	555.0	554.5	556.0	555.5	556.0
5°	553.0	553.0	553.5	554.0	553.0	552.5	551.5	551.0	552.0	552.0	553.0
7.5°	549.0	548.5	549.0	549.5	548.0	547.5	546.0	546.0	546.0	545.5	546.5
10°	545.5	544.5	544.5	543.5	541.0	541.5	539.5	541.0	543.5	544.0	544.5
12.5°	547.0	546.0	545.0	542.5	539.0	539.5	539.0	540.5	544.0	546.0	547.5
15°	554.0	553.0	550.5	546.0	544.0	544.0	543.0	543.5	548.5	551.5	553.0
17.5°	561.5	559.5	555.0	552.0	550.0	551.5	548.0	547.5	551.5	556.0	557.5
20°	567.5	566.0	560.5	557.0	557.0	558.5	555.0	553.0	557.5	563.0	564.5
22.5°	578.0	577.0	571.5	568.0	568.0	568.5	566.5	565.0	570.0	575.5	577.0
25°	593.0	593.0	587.5	586.0	585.5	586.5	584.0	582.5	587.0	591.0	592.5
27.5°	610.5	609.0	604.5	603.5	605.5	609.0	604.5	600.5	604.0	607.5	608.0
30°	629.0	629.0	625.0	625.0	626.5	628.0	624.0	620.0	623.5	627.5	628.0
32.5°	655.0	653.5	652.0	652.5	652.0	650.0	648.0	647.5	650.5	653.0	654.0
35°	687.0	686.5	684.5	685.5	685.5	685.5	679.5	677.5	682.5	684.5	683.5
37.5°	736.5	736.0	731.0	728.0	724.5	723.0	715.5	715.0	727.0	733.0	732.0
40°	797.0	795.0	790.5	785.5	781.0	778.0	770.5	776.0	788.5	793.0	793.0
42.5°	863.0	860.5	855.5	853.0	850.0	847.0	837.0	839.5	854.5	859.0	854.0
45°	944.0	940.5	935.0	929.5	925.0	919.0	914.0	916.5	932.5	938.0	934.0
47.5°	1030.0	1029.0	1024.5	1020.0	1016.0	1012.0	1005.5	1010.0	1024.0	1023.0	1015.0
50°	1121.0	1123.0	1123.5	1128.0	1125.0	1125.5	1113.5	1111.0	1122.0	1115.5	1105.5
52.5°	1219.0	1222.0	1232.5	1241.5	1258.0	1260.0	1245.0	1229.0	1227.0	1210.0	1199.5
55°	1332.6	1332.1	1355.1	1380.1	1416.6	1428.1	1394.6	1364.6	1348.1	1315.1	1304.0
57.5°	1461.1	1459.6	1494.6	1538.6	1604.6	1633.1	1571.6	1514.6	1474.6	1435.1	1423.6
60°	1600.6	1604.1	1646.6	1718.1	1832.1	1871.6	1778.6	1684.1	1623.1	1571.6	1567.1
62.5°	1763.6	1764.1	1814.1	1911.1	2059.1	2122.6	1994.6	1866.6	1789.1	1732.6	1720.6
65°	1956.1	1959.6	2013.1	2111.1	2281.1	2359.6	2212.1	2056.1	1964.6	1888.1	1886.6
67.5°	2153.6	2151.6	2200.6	2304.6	2468.6	2541.1	2386.6	2212.6	2093.6	1998.1	1985.6
70°	2280.1	2291.1	2344.1	2443.6	2600.6	2671.1	2483.1	2273.1	2148.6	2061.1	2055.1
72.5°	2173.6	2194.1	2262.6	2427.6	2650.1	2733.6	2460.1	2210.6	2053.6	1965.6	1965.6
75°	1764.6	1798.6	1894.1	2148.1	2479.1	2623.6	2277.6	1934.6	1706.1	1612.1	1612.1
77.5°	1075.0	1107.5	1236.5	1546.6	2002.1	2187.1	1856.6	1457.1	1192.5	1077.5	1062.5
80°	357.5	378.5	505.0	786.0	1229.0	1455.6	1244.0	827.5	534.0	407.0	405.0
82.5°	95.0	103.5	144.0	228.0	533.5	788.5	569.0	273.0	156.5	121.5	112.0
85°	33.0	35.5	61.0	76.0	135.5	261.0	158.5	99.0	76.0	46.0	43.0
87.5°	9.5	10.5	24.5	26.5	39.0	30.5	43.0	39.5	36.0	15.0	13.5
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)