

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: P672526

Luminaire Tested: **CCP-SA-2A-730-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672526
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5MQ distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

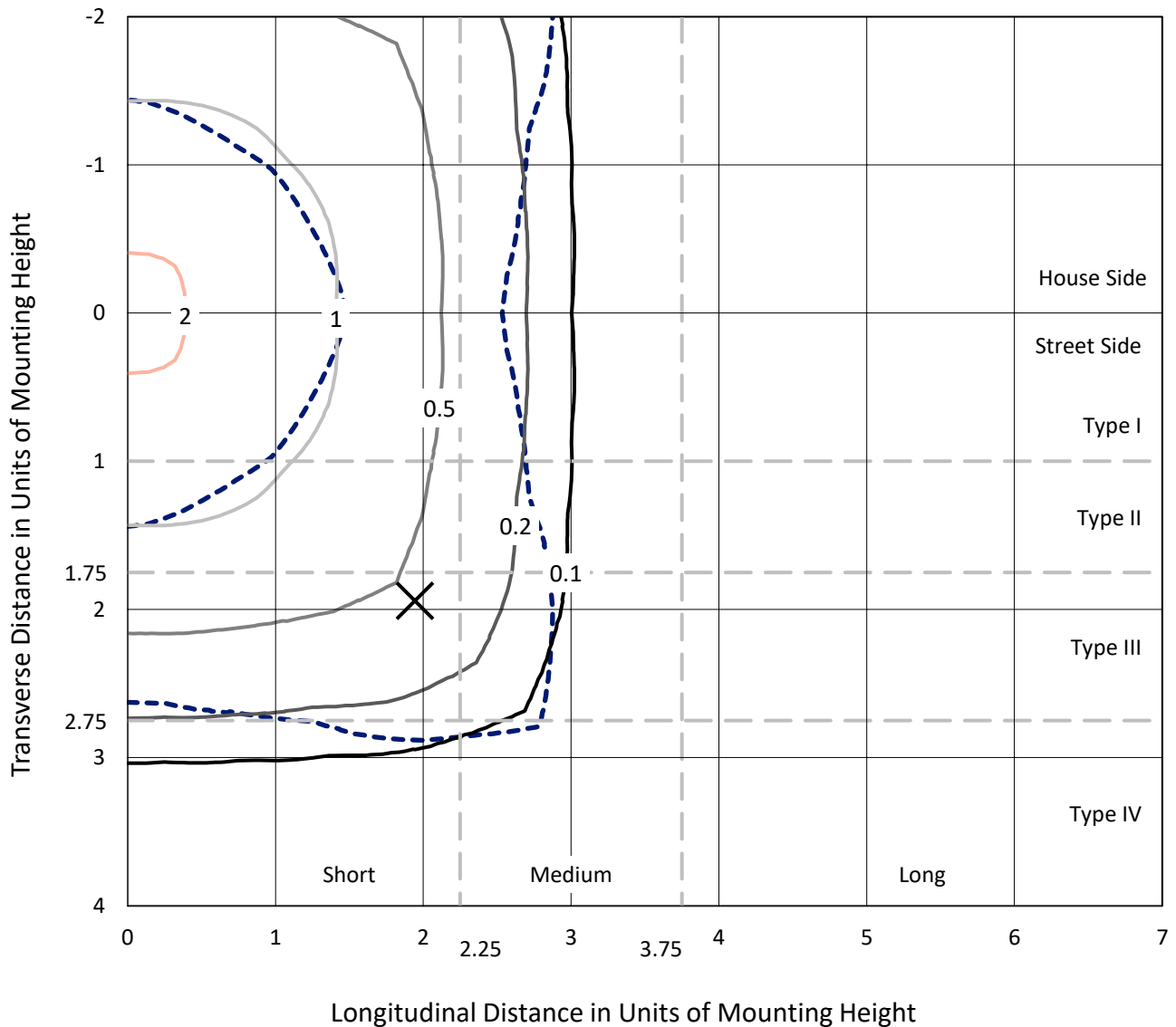
Lumens per Lamp: N/A
Luminaire Lumens: 5143.1 lumens
Efficiency: N/A
Efficacy: 142.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 36.2
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: P672526
 CATALOG NUMBER: CCP-SA-2A-730-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

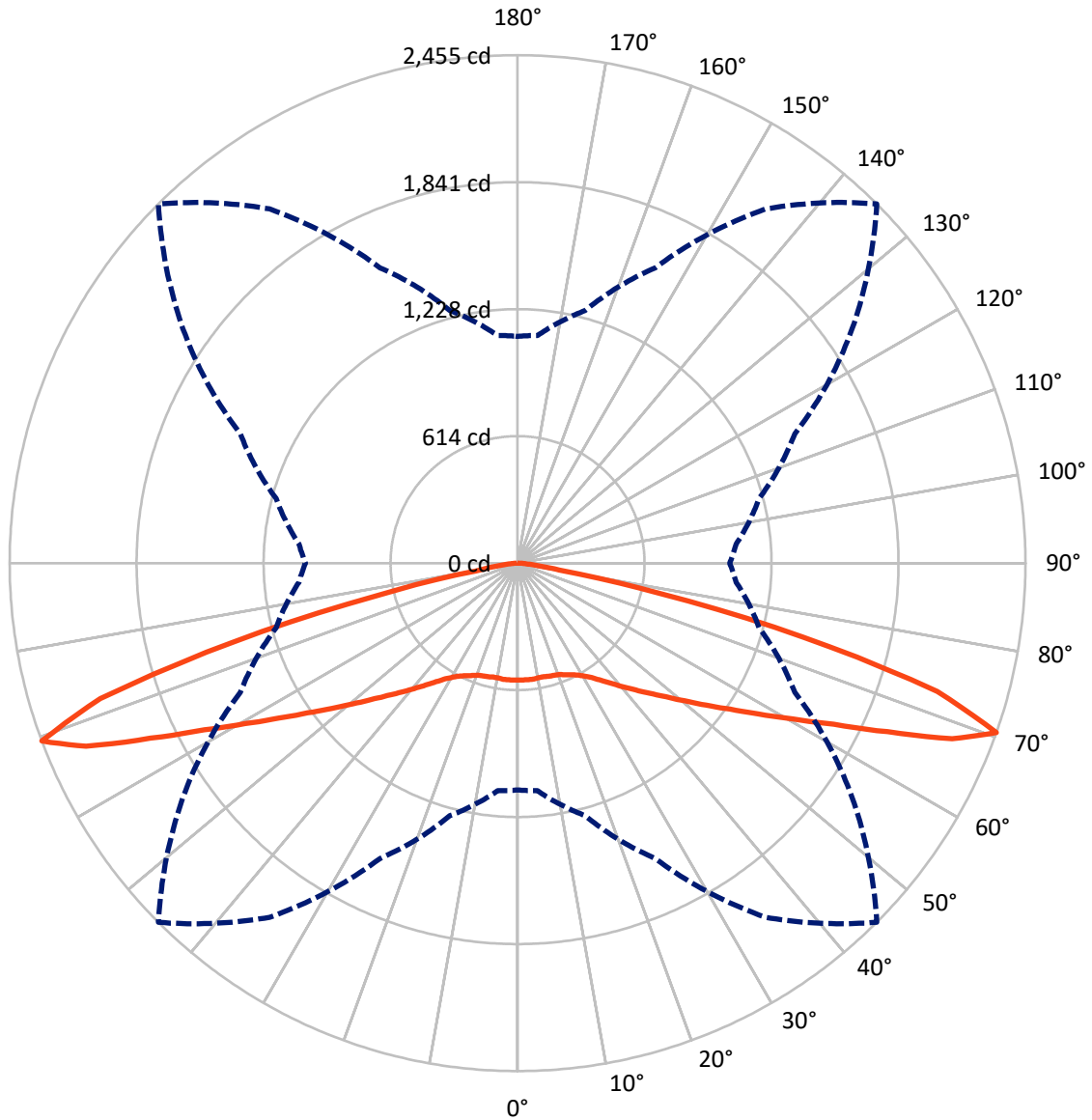
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
 Type V - Short - N/A

REPORT NUMBER: P672526
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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2571.6	0.0	2571.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2571.6	0.0	2571.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	5143.1	0.0	5143.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.8	1.0
10°-20°	159.2	3.1
20°-30°	271.9	5.3
30°-40°	433.9	8.4
40°-50°	700.2	13.6
50°-60°	1121.2	21.8
60°-70°	1641.4	31.9
70°-80°	721.9	14.0
80°-90°	39.6	0.8
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°	5143.1	100.0
0°-180°	5143.1	100.0



REPORT NUMBER: P672526

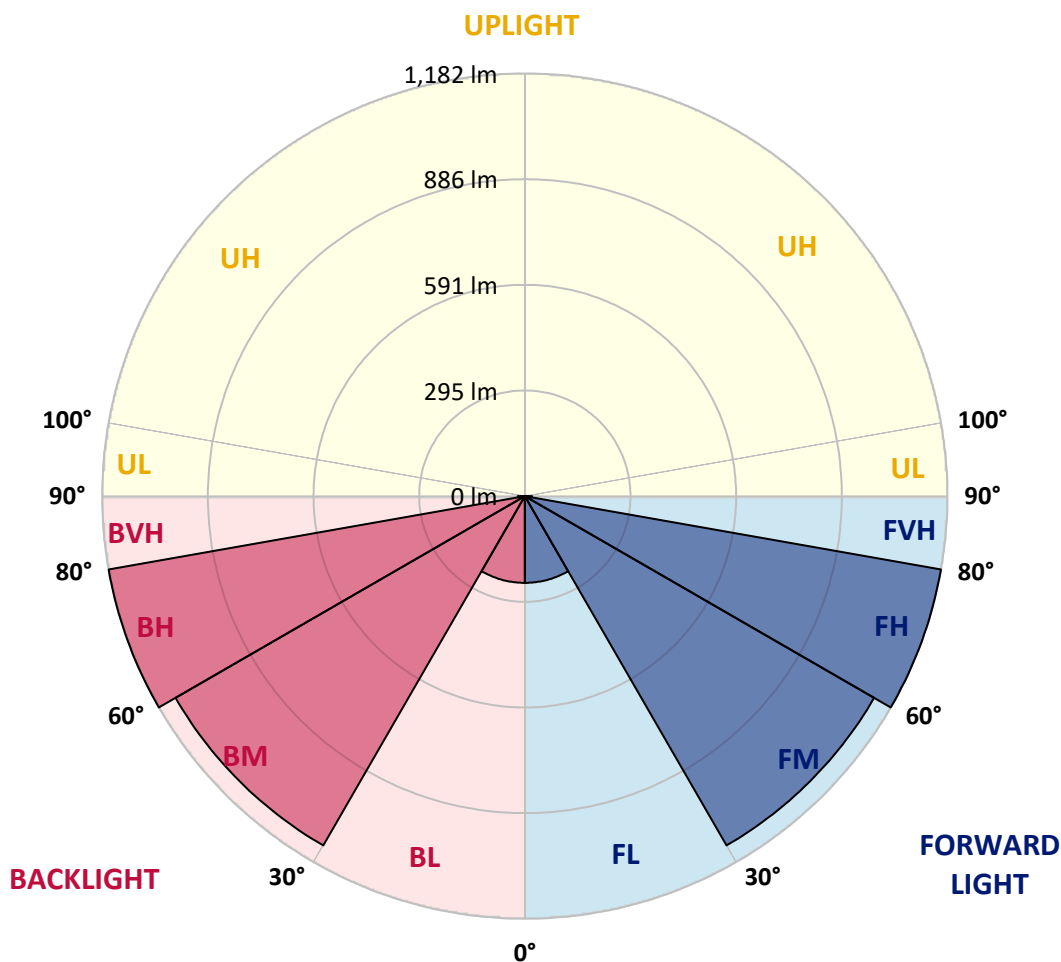
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	242.5	4.7			
FM (30°-60°)	1127.7	21.9			
FH (60°-80°)	1181.6	23.0			G1/1800
FVH (80°-90°)	19.8	0.4			G1/100
BL (0°-30°)	242.5	4.7	B1/500		
BM (30°-60°)	1127.7	21.9	B2/2500		
BH (60°-80°)	1181.6	23.0	B3/2500		G1/1800
BVH (80°-90°)	19.8	0.4			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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	565.6	565.6	565.6	565.6	565.6	565.6	565.6	565.6	565.6	565.6	565.6
2.5°	564.8	564.5	565.2	565.6	564.8	565.2	563.0	563.0	564.1	563.0	564.5
5°	567.4	566.7	567.4	567.4	565.6	565.6	563.0	562.3	563.0	561.2	562.7
7.5°	567.8	566.3	567.4	567.0	565.6	565.6	561.9	560.5	560.8	559.0	560.1
10°	564.1	563.4	564.8	564.1	563.0	563.0	560.1	557.9	557.9	556.1	557.2
12.5°	561.9	561.2	563.0	563.4	562.7	563.0	559.4	556.5	555.4	553.2	553.9
15°	561.9	560.5	563.4	564.1	564.8	567.4	561.9	556.8	554.6	551.7	552.5
17.5°	561.6	560.8	564.1	566.7	567.4	570.3	564.1	558.7	556.1	551.7	552.5
20°	561.6	561.2	565.2	569.9	572.1	574.7	568.1	563.0	558.7	553.9	553.9
22.5°	563.4	563.0	568.5	575.4	581.6	586.0	578.3	569.9	564.1	557.9	557.2
25°	571.0	570.3	576.9	585.3	593.6	598.0	590.4	582.0	573.6	566.7	565.9
27.5°	586.7	586.3	592.9	603.1	608.9	612.2	605.7	598.4	590.0	582.0	581.6
30°	607.8	607.8	616.2	626.8	630.1	632.6	626.1	621.0	612.2	603.5	602.7
32.5°	633.4	634.8	644.7	656.3	658.5	660.0	653.0	649.8	640.3	630.8	629.3
35°	666.9	667.2	679.3	690.9	693.8	695.3	687.3	684.4	675.6	665.4	663.2
37.5°	709.5	708.4	719.7	732.8	735.8	737.6	731.0	728.8	717.9	707.7	704.4
40°	757.3	758.0	770.7	783.1	785.0	785.7	782.4	779.1	768.9	757.3	753.2
42.5°	812.6	812.6	827.6	842.2	842.2	838.5	837.1	836.3	826.5	813.4	809.0
45°	876.1	876.8	895.4	906.3	907.0	897.2	898.7	903.0	893.5	876.8	871.0
47.5°	945.7	946.8	968.6	980.6	978.5	965.7	973.7	975.9	965.0	943.5	935.8
50°	1018.9	1022.2	1046.6	1067.7	1064.8	1046.2	1056.8	1057.5	1039.7	1014.9	1004.3
52.5°	1098.0	1105.6	1138.1	1160.7	1163.6	1140.3	1149.4	1148.6	1125.7	1091.8	1084.9
55°	1196.0	1200.4	1232.5	1264.5	1275.5	1246.7	1256.9	1251.8	1220.8	1182.2	1170.5
57.5°	1294.0	1300.6	1341.8	1377.9	1399.7	1375.3	1377.5	1364.4	1325.4	1278.7	1272.9
60°	1410.3	1413.2	1458.8	1505.8	1543.7	1529.1	1518.9	1491.6	1445.6	1399.0	1390.6
62.5°	1505.4	1511.2	1579.0	1648.3	1712.4	1714.9	1684.0	1643.2	1569.9	1491.9	1475.2
65°	1531.6	1541.1	1636.2	1772.9	1906.3	1965.7	1880.8	1756.1	1592.5	1474.8	1449.6
67.5°	1409.6	1427.8	1563.7	1790.7	2086.6	2264.8	2037.5	1702.6	1474.1	1336.7	1312.6
70°	1096.2	1104.2	1263.8	1575.4	2089.6	2455.1	1974.4	1478.4	1208.4	1060.8	1025.5
72.5°	582.3	586.3	730.3	1060.8	1700.4	2120.9	1631.5	1034.6	711.3	577.2	536.8
75°	188.0	193.1	251.4	434.4	938.0	1425.2	962.1	430.4	245.3	197.9	187.3
77.5°	95.8	95.5	106.0	139.9	315.6	698.6	333.8	150.9	106.0	95.1	92.2
80°	59.8	58.7	66.7	76.5	110.4	204.1	119.9	84.5	67.1	57.6	57.2
82.5°	33.9	33.9	44.8	49.2	62.3	84.2	70.0	57.9	45.9	34.3	33.2
85°	18.9	16.8	28.1	31.0	35.7	41.5	42.6	37.5	31.0	18.9	19.7
87.5°	6.9	7.7	13.1	12.4	14.2	9.8	17.5	19.7	17.5	9.1	7.7
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)