

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: P672811

Luminaire Tested: **CCP-SA-1D-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672811
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-730-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

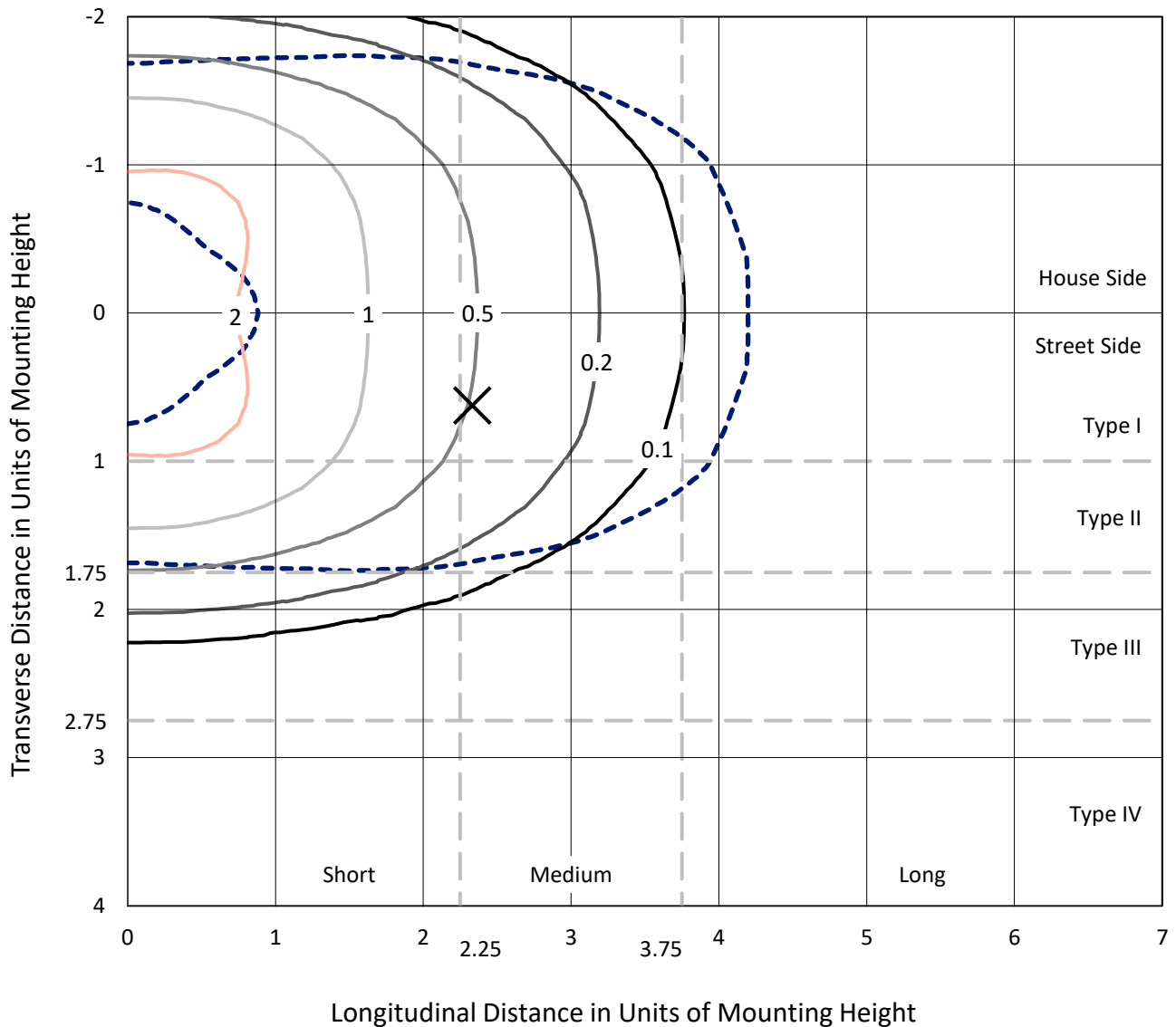
Lumens per Lamp: N/A
Luminaire Lumens: 5165.8 lumens
Efficiency: N/A
Efficacy: 117.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 44
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

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Iso-Footcandle Lines of Horizontal Illumination

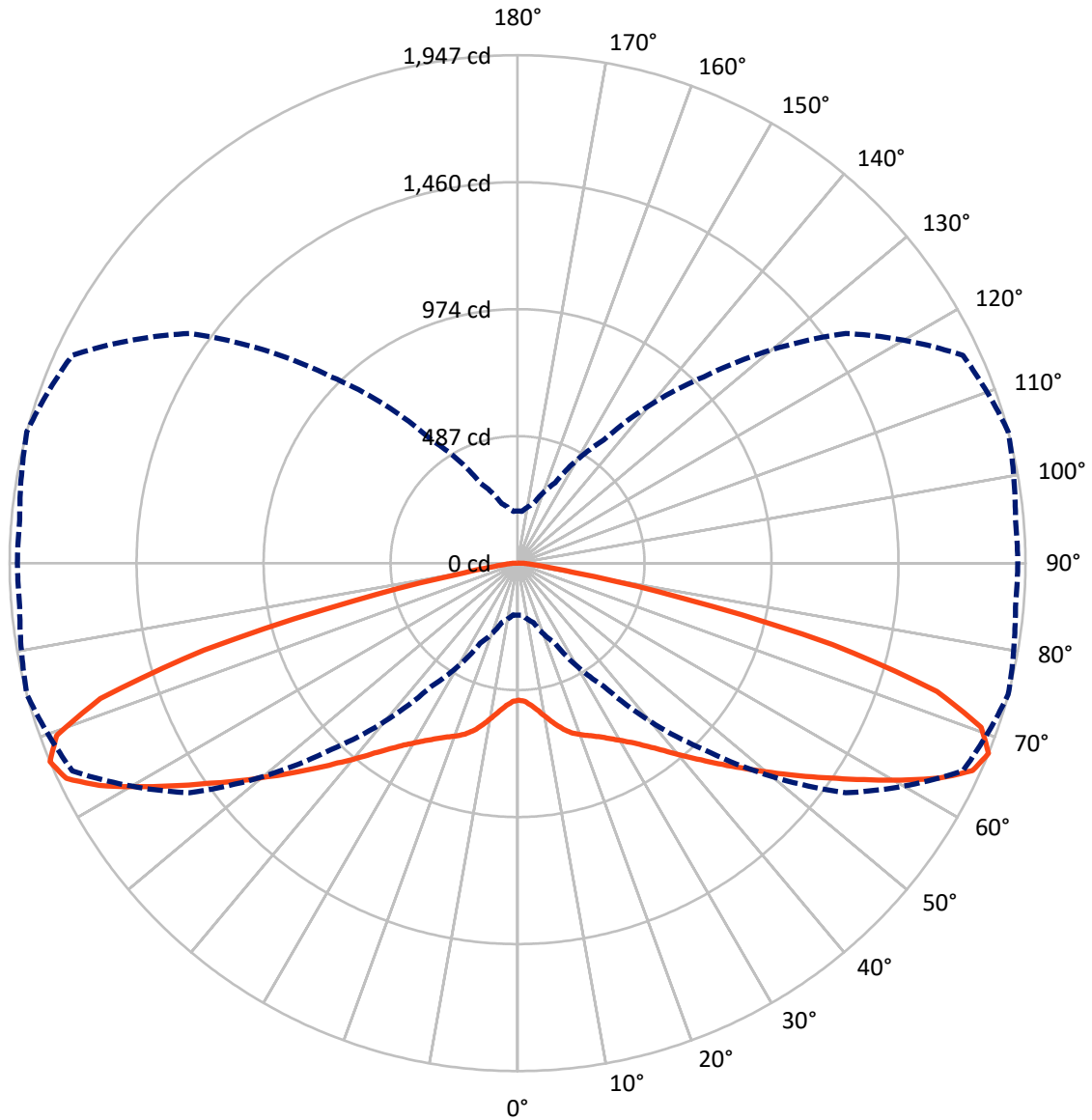
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2582.9	0.0	2582.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2582.9	0.0	2582.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5165.8	0.0	5165.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.0	1.0
10°-20°	175.2	3.4
20°-30°	342.2	6.6
30°-40°	590.3	11.4
40°-50°	956.2	18.5
50°-60°	1300.4	25.2
60°-70°	1199.7	23.2
70°-80°	502.0	9.7
80°-90°	47.9	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°	5165.8	100.0
0°-180°	5165.8	100.0



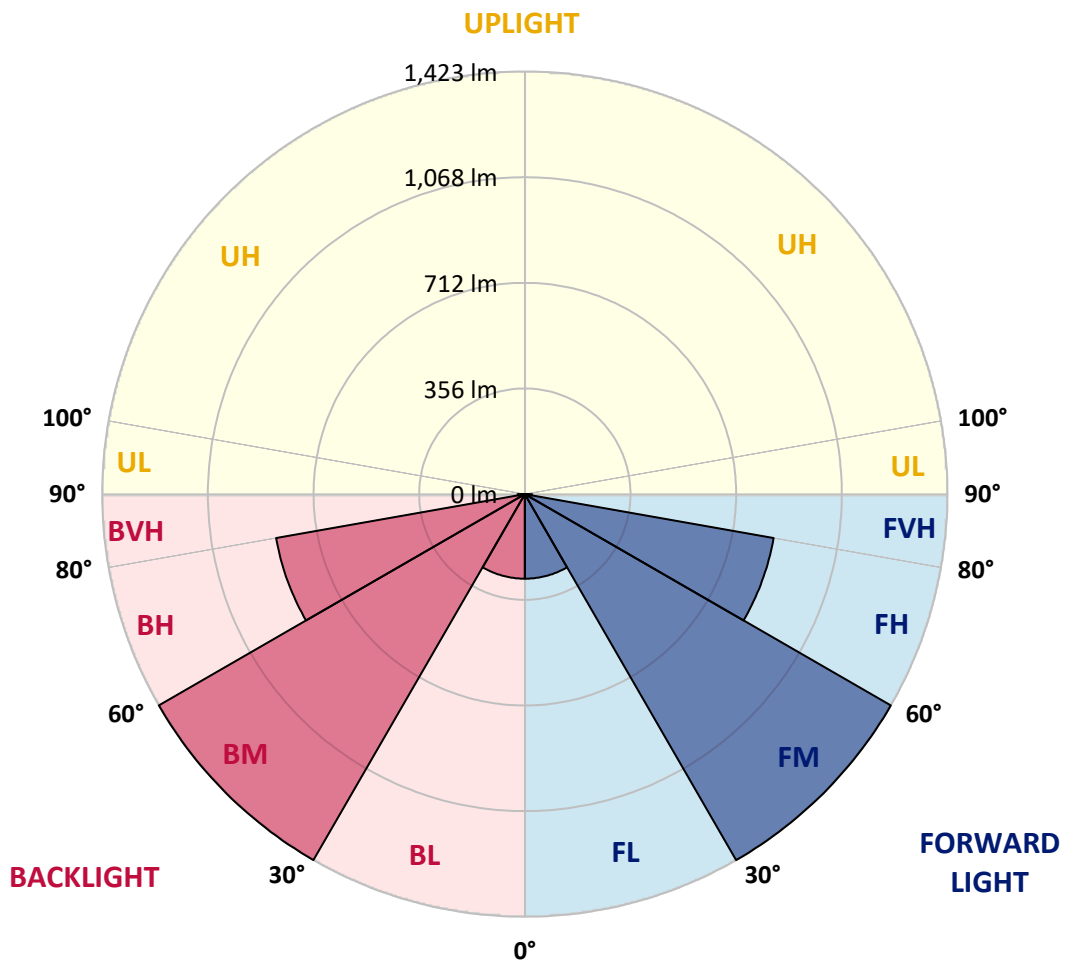
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	284.7	5.5			
FM (30°-60°)	1423.4	27.6			
FH (60°-80°)	850.8	16.5			G1/1800
FVH (80°-90°)	24.0	0.5			G1/100
BL (0°-30°)	284.7	5.5	B1/500		
BM (30°-60°)	1423.4	27.6	B2/2500		
BH (60°-80°)	850.8	16.5	B2/1000		G2/1000
BVH (80°-90°)	24.0	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	522.2	522.2	523.7	525.5	526.3	527.8	528.1	528.1	530.4	530.0	530.4
5°	520.7	520.7	523.3	526.7	530.4	534.8	539.3	541.9	547.5	548.6	548.9
7.5°	522.2	522.6	526.3	531.9	538.2	546.3	554.9	561.9	571.2	574.6	576.8
10°	527.8	528.1	533.0	540.8	550.4	562.3	574.6	585.7	600.6	607.3	608.4
12.5°	536.3	536.7	543.7	556.4	570.1	585.0	598.7	612.8	631.4	641.4	643.7
15°	549.3	548.2	559.3	577.9	597.2	615.8	628.1	641.8	661.5	674.5	677.8
17.5°	567.1	567.9	581.6	605.4	629.2	648.1	660.4	668.2	685.3	698.6	702.0
20°	589.4	592.8	610.2	637.7	665.6	685.6	694.2	693.1	702.7	714.2	716.8
22.5°	621.0	623.2	644.4	675.2	707.2	728.0	731.3	719.1	718.7	726.1	729.5
25°	658.1	660.0	682.3	717.9	751.7	773.7	770.3	749.1	738.0	738.4	740.6
27.5°	701.6	705.3	728.3	764.7	799.6	819.7	814.9	784.1	762.1	755.5	754.0
30°	758.1	762.1	785.5	820.4	851.3	869.1	861.7	822.7	790.0	778.9	776.6
32.5°	831.6	831.2	855.4	889.2	910.7	922.2	907.7	863.5	822.3	807.4	804.5
35°	907.4	911.1	934.8	967.5	983.9	984.6	961.6	911.8	862.8	837.2	831.6
37.5°	992.8	994.6	1022.1	1053.0	1063.7	1057.8	1023.6	968.3	911.8	884.7	875.0
40°	1080.4	1082.3	1114.2	1143.9	1155.8	1141.7	1096.8	1030.7	969.8	940.0	934.5
42.5°	1161.8	1166.6	1202.3	1237.2	1248.7	1232.3	1178.1	1099.0	1031.0	1002.4	995.0
45°	1229.4	1234.6	1274.7	1319.3	1339.7	1326.3	1265.0	1175.9	1101.6	1070.8	1058.2
47.5°	1280.3	1286.9	1329.7	1383.1	1422.9	1420.3	1357.5	1257.2	1177.4	1141.0	1129.5
50°	1315.2	1322.2	1368.3	1425.9	1485.6	1505.7	1451.5	1347.1	1261.7	1220.8	1213.0
52.5°	1317.8	1324.1	1376.8	1448.5	1528.4	1572.6	1544.0	1441.8	1354.5	1312.2	1306.6
55°	1259.8	1264.3	1334.5	1429.9	1545.8	1623.8	1628.3	1545.1	1453.7	1411.0	1408.4
57.5°	1126.9	1133.2	1217.1	1343.4	1516.8	1656.9	1701.4	1653.2	1565.9	1525.8	1523.5
60°	910.3	918.5	1014.3	1182.2	1412.1	1648.3	1763.5	1754.5	1688.4	1649.4	1648.0
62.5°	642.2	645.1	745.1	930.0	1207.1	1557.7	1793.5	1853.3	1815.5	1776.1	1778.3
65°	377.4	381.4	454.6	621.0	915.5	1349.3	1741.6	1922.1	1917.2	1881.2	1884.9
67.5°	199.4	199.4	236.2	339.5	575.7	1010.2	1534.7	1884.2	1947.3	1915.7	1917.6
70°	137.8	137.4	144.1	170.5	278.2	626.2	1148.0	1685.8	1886.0	1874.1	1879.0
72.5°	116.6	115.9	116.3	120.0	141.5	283.0	697.1	1298.5	1681.4	1699.6	1703.7
75°	102.1	101.0	100.3	99.5	101.4	128.5	317.9	801.1	1246.5	1360.9	1358.6
77.5°	88.0	87.3	86.5	83.9	81.0	84.3	130.0	360.3	641.1	756.6	748.4
80°	72.4	72.4	73.5	69.8	64.3	62.0	77.6	134.5	212.8	222.1	204.3
82.5°	56.8	56.8	62.4	57.2	50.5	44.9	53.9	71.7	86.5	70.2	57.2
85°	40.1	40.5	52.0	47.5	39.0	26.0	33.4	42.7	48.7	30.8	24.1
87.5°	16.3	17.5	32.3	25.6	24.5	13.0	15.6	18.9	24.1	13.0	10.4
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)