

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: P672825

Luminaire Tested: **CCP-SA-2A-735-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672825
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

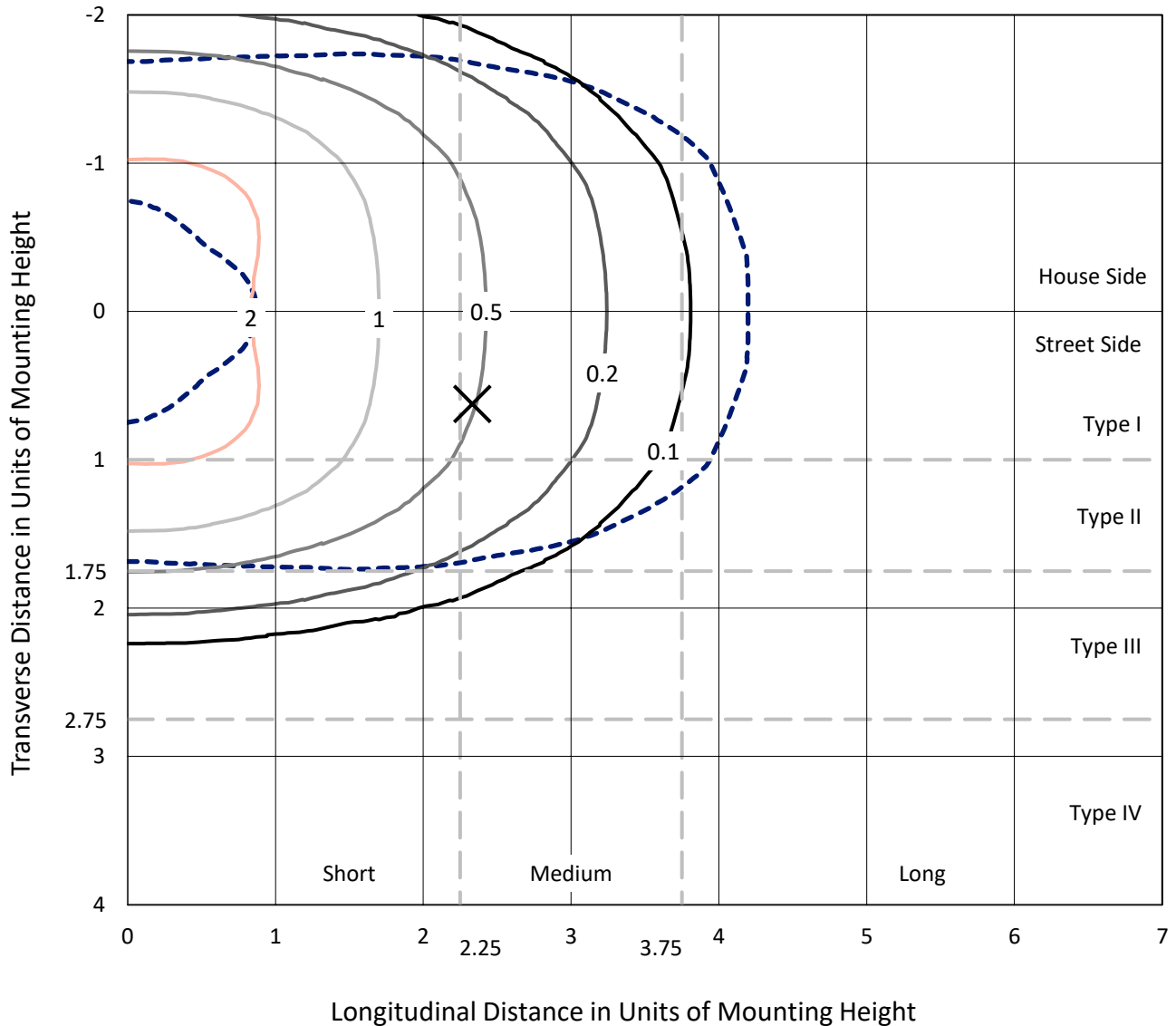
Lumens per Lamp: N/A
Luminaire Lumens: 5489.7 lumens
Efficiency: N/A
Efficacy: 151.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

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Iso-Footcandle Lines of Horizontal Illumination

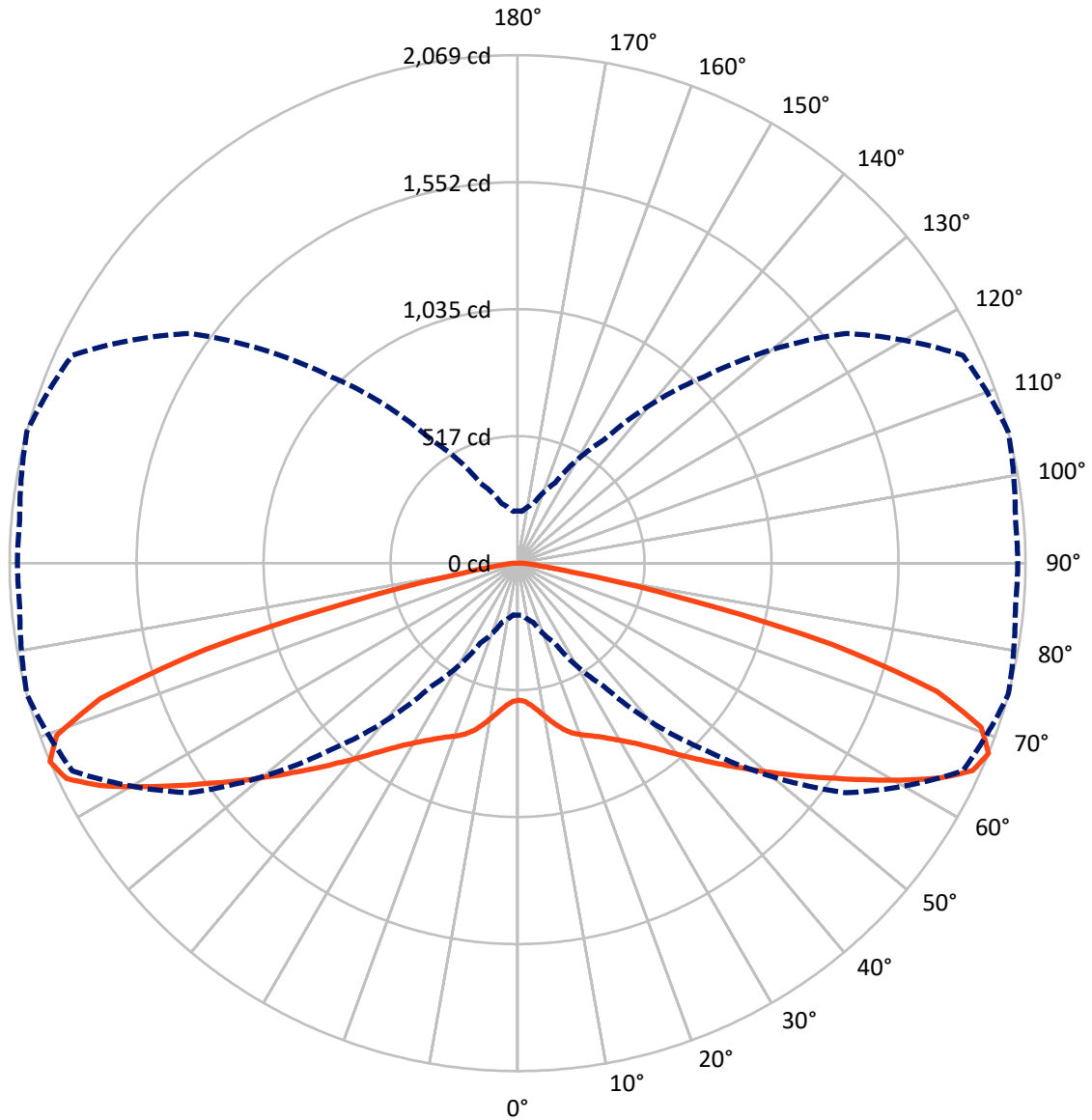
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.9 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	2744.9	0.0	2744.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2744.9	0.0	2744.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5489.7	0.0	5489.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.3	1.0
10°-20°	186.2	3.4
20°-30°	363.6	6.6
30°-40°	627.3	11.4
40°-50°	1016.1	18.5
50°-60°	1381.9	25.2
60°-70°	1274.9	23.2
70°-80°	533.5	9.7
80°-90°	50.9	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°	5489.7	100.0
0°-180°	5489.7	100.0



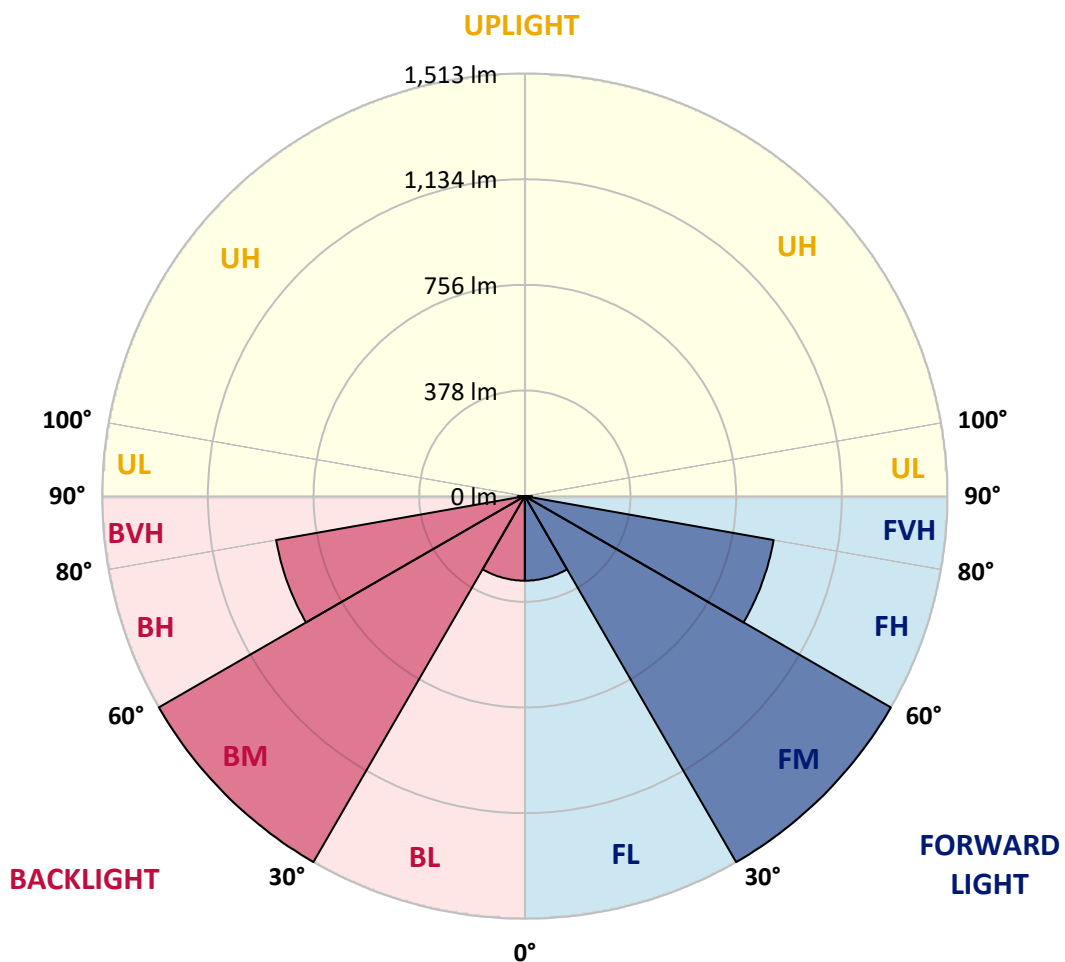
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	302.6	5.5			
FM (30°-60°)	1512.7	27.6			
FH (60°-80°)	904.2	16.5			G1/1800
FVH (80°-90°)	25.5	0.5			G1/100
BL (0°-30°)	302.6	5.5	B1/500		
BM (30°-60°)	1512.7	27.6	B2/2500		
BH (60°-80°)	904.2	16.5	B2/1000		G2/1000
BVH (80°-90°)	25.5	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°	558.5	558.5	558.5	558.5	558.5	558.5	558.5	558.5	558.5	558.5	558.5
2.5°	554.9	554.9	556.5	558.5	559.3	560.9	561.3	561.3	563.6	563.2	563.6
5°	553.4	553.4	556.1	559.7	563.6	568.4	573.1	575.9	581.8	583.0	583.4
7.5°	554.9	555.3	559.3	565.2	571.9	580.6	589.7	597.2	607.0	610.6	613.0
10°	560.9	561.3	566.4	574.7	584.9	597.6	610.6	622.4	638.2	645.3	646.5
12.5°	569.9	570.3	577.8	591.3	605.9	621.6	636.2	651.2	671.0	681.6	684.0
15°	583.8	582.6	594.4	614.1	634.7	654.4	667.4	682.0	703.0	716.8	720.3
17.5°	602.7	603.5	618.1	643.4	668.6	688.7	701.8	710.1	728.2	742.4	746.0
20°	626.4	629.9	648.5	677.7	707.3	728.6	737.7	736.5	746.8	759.0	761.8
22.5°	659.9	662.3	684.8	717.6	751.5	773.6	777.2	764.1	763.7	771.6	775.2
25°	699.4	701.4	725.1	762.9	798.9	822.1	818.6	796.1	784.3	784.7	787.0
27.5°	745.6	749.5	774.0	812.7	849.8	871.1	866.0	833.2	809.9	802.8	801.2
30°	805.6	809.9	834.8	871.9	904.6	923.6	915.7	874.2	839.5	827.7	825.3
32.5°	883.7	883.3	909.0	944.9	967.8	980.0	964.6	917.7	873.9	858.1	854.9
35°	964.2	968.2	993.4	1028.2	1045.5	1046.3	1021.9	969.0	916.9	889.6	883.7
37.5°	1055.0	1057.0	1086.2	1119.0	1130.4	1124.1	1087.8	1029.0	969.0	940.2	929.9
40°	1148.2	1150.1	1184.1	1215.7	1228.3	1213.3	1165.5	1095.3	1030.5	999.0	993.1
42.5°	1234.6	1239.7	1277.6	1314.7	1327.0	1309.6	1252.0	1167.9	1095.7	1065.3	1057.4
45°	1306.4	1312.0	1354.6	1402.0	1423.7	1409.5	1344.3	1249.6	1170.7	1137.9	1124.5
47.5°	1360.5	1367.6	1413.0	1469.8	1512.1	1509.3	1442.6	1336.0	1251.2	1212.5	1200.3
50°	1397.6	1405.1	1454.1	1515.2	1578.8	1600.1	1542.5	1431.6	1340.8	1297.4	1289.1
52.5°	1400.4	1407.1	1463.1	1539.3	1624.2	1671.1	1640.7	1532.2	1439.5	1394.5	1388.5
55°	1338.8	1343.5	1418.1	1519.6	1642.7	1725.6	1730.3	1641.9	1544.8	1499.4	1496.7
57.5°	1197.5	1204.2	1293.4	1427.6	1611.9	1760.7	1808.1	1756.8	1664.0	1621.4	1619.0
60°	967.4	976.1	1077.9	1256.3	1500.6	1751.7	1874.0	1864.5	1794.3	1752.8	1751.3
62.5°	682.4	685.6	791.8	988.3	1282.8	1655.4	1906.0	1969.5	1929.3	1887.4	1889.8
65°	401.0	405.4	483.1	659.9	972.9	1433.9	1850.7	2042.5	2037.4	1999.1	2003.1
67.5°	212.0	212.0	251.0	360.8	611.8	1073.6	1630.9	2002.3	2069.4	2035.8	2037.8
70°	146.4	146.0	153.1	181.2	295.6	665.5	1220.0	1791.5	2004.3	1991.6	1996.8
72.5°	123.9	123.1	123.5	127.5	150.4	300.8	740.8	1379.9	1786.8	1806.1	1810.5
75°	108.5	107.4	106.6	105.8	107.8	136.6	337.9	851.4	1324.6	1446.2	1443.8
77.5°	93.5	92.8	92.0	89.2	86.0	89.6	138.1	382.9	681.2	804.0	795.3
80°	77.0	77.0	78.1	74.2	68.3	65.9	82.5	142.9	226.2	236.0	217.1
82.5°	60.4	60.4	66.3	60.8	53.7	47.8	57.2	76.2	92.0	74.6	60.8
85°	42.6	43.0	55.3	50.5	41.4	27.6	35.5	45.4	51.7	32.8	25.7
87.5°	17.4	18.6	34.3	27.2	26.0	13.8	16.6	20.1	25.7	13.8	11.1
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)