

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: P672696

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672696
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-740-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

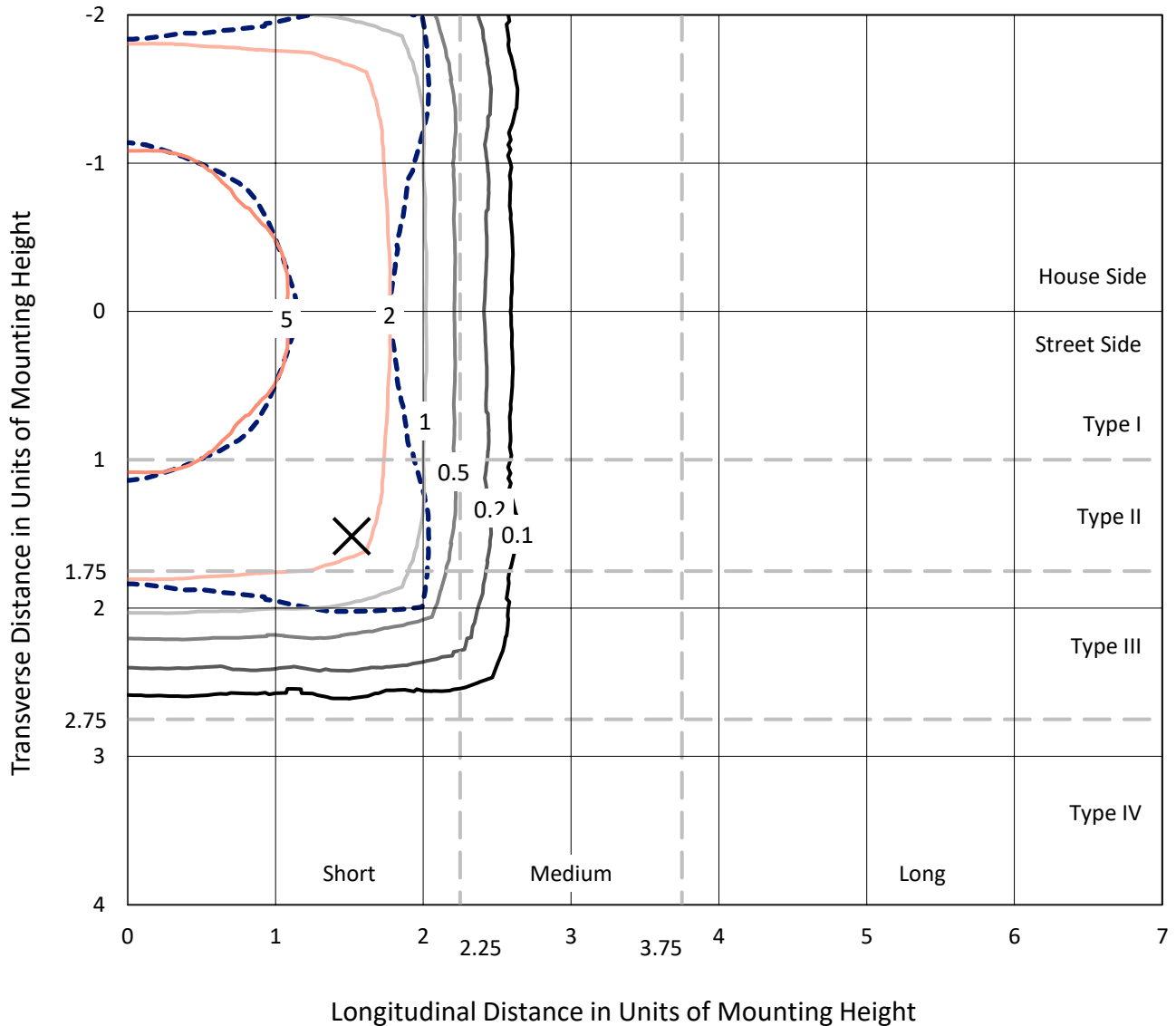
Lumens per Lamp: N/A
Luminaire Lumens: 14228.4 lumens
Efficiency: N/A
Efficacy: 133.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 106.6
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

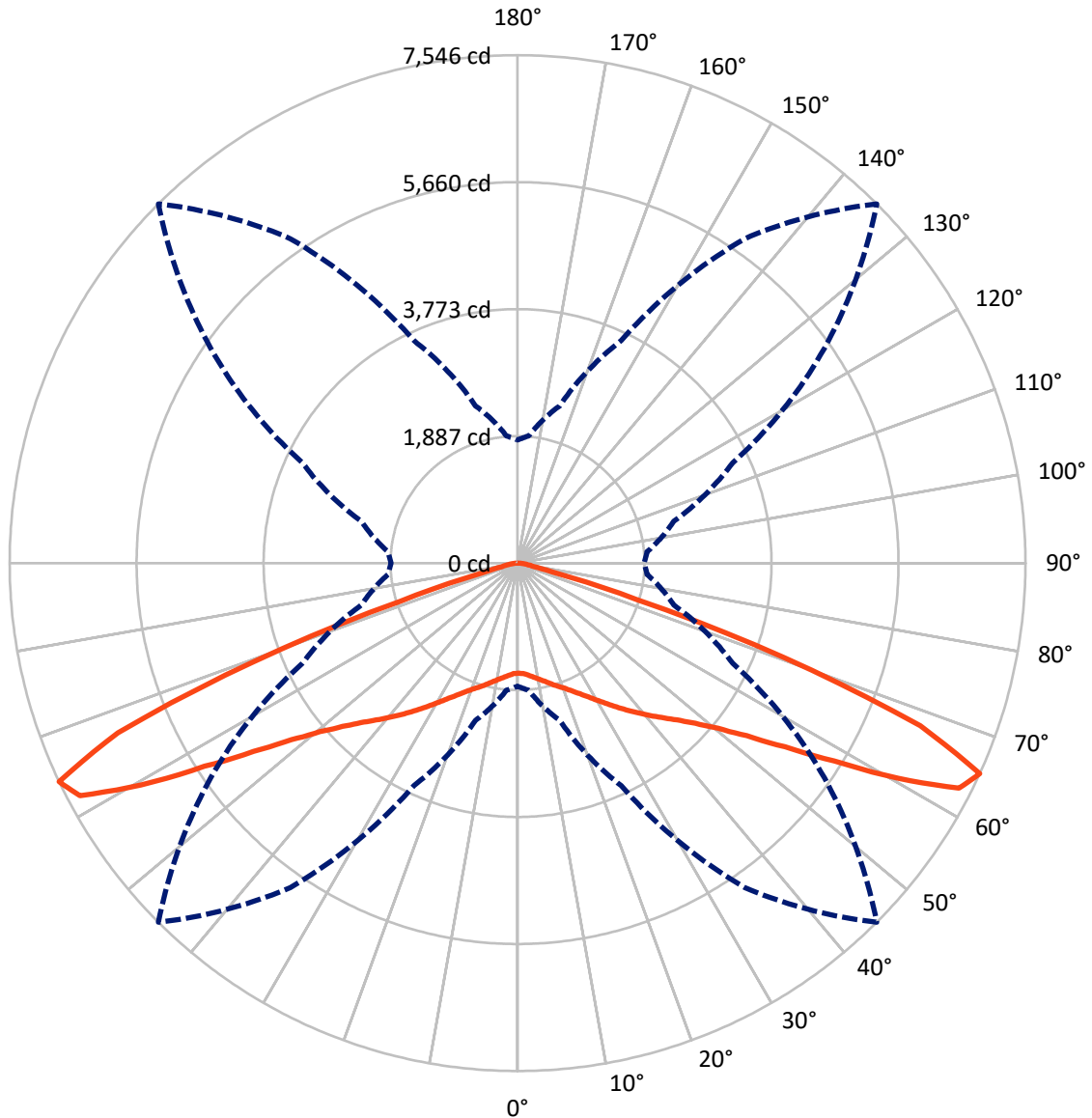
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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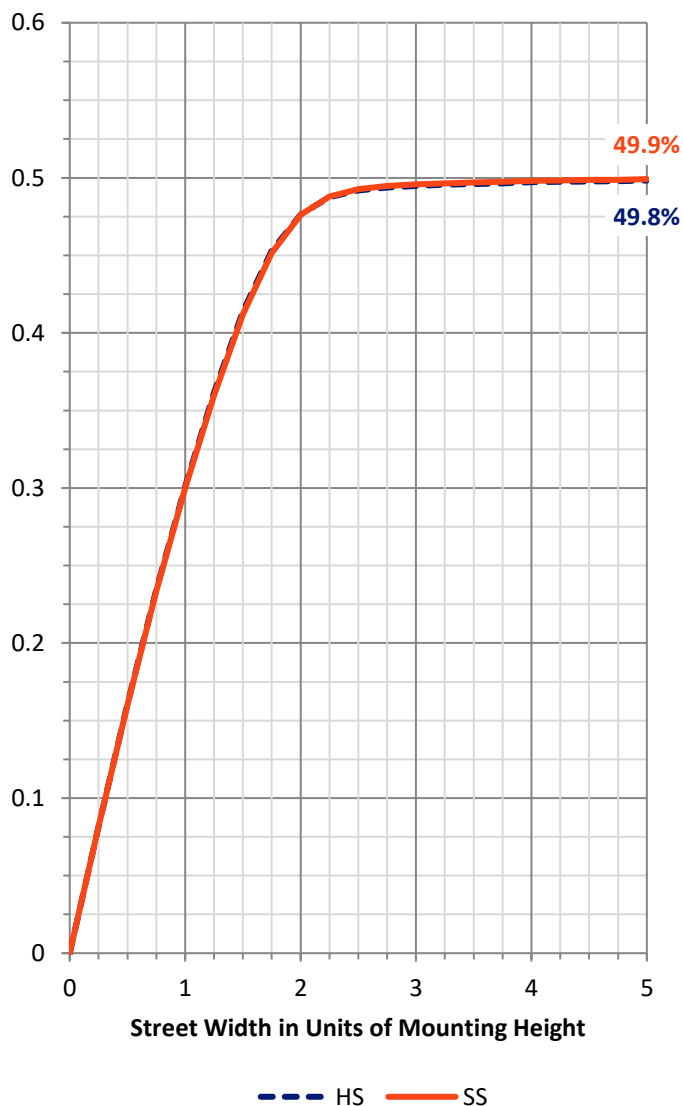
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7114.2	0.0	7114.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7114.2	0.0	7114.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	14228.4	0.0	14228.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.0	1.1
10°-20°	528.9	3.7
20°-30°	1003.2	7.1
30°-40°	1682.5	11.8
40°-50°	2662.4	18.7
50°-60°	4182.6	29.4
60°-70°	3534.0	24.8
70°-80°	411.5	2.9
80°-90°	61.3	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°	14228.4	100.0
0°-180°	14228.4	100.0



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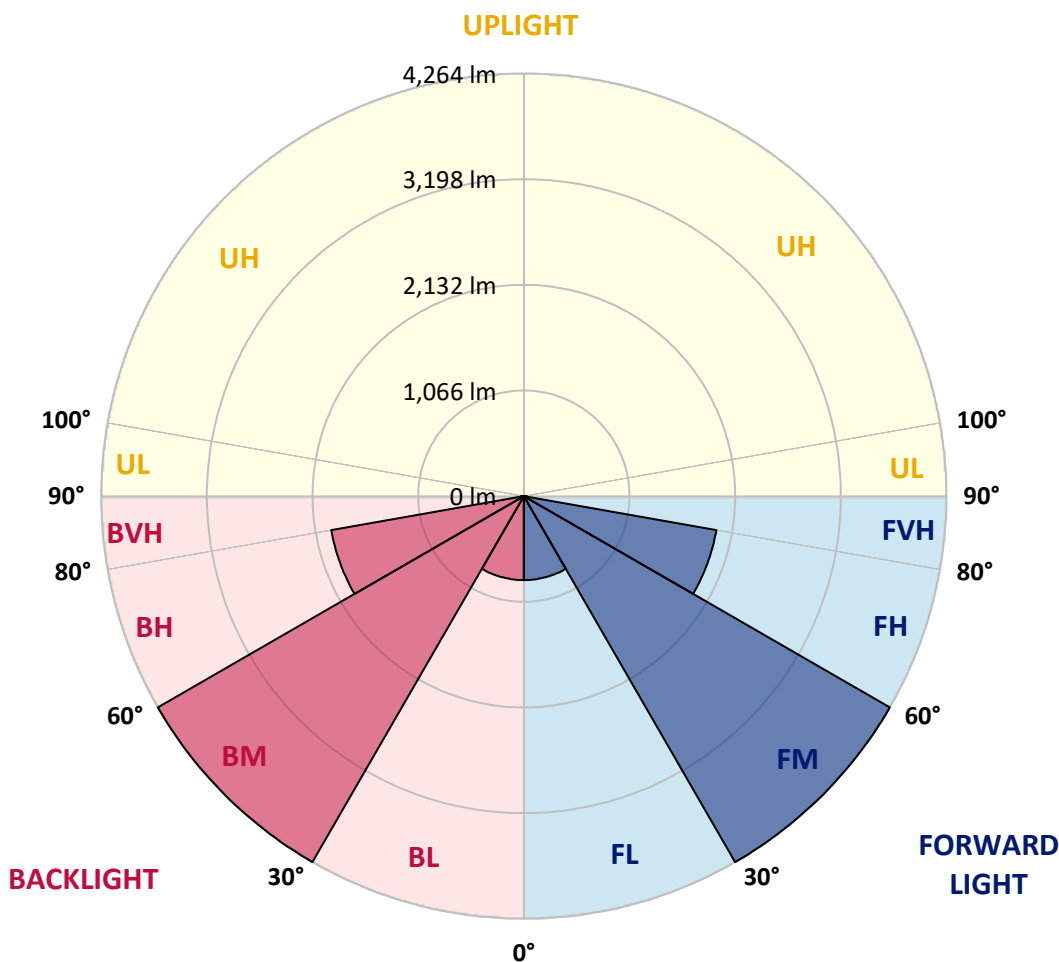
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	847.1	6.0			
FM	(30°-60°)	4263.7	30.0			
FH	(60°-80°)	1972.7	13.9			G2/5000
FVH	(80°-90°)	30.6	0.2			G1/100
BL	(0°-30°)	847.1	6.0	B2/1000		
BM	(30°-60°)	4263.7	30.0	B3/5000		
BH	(60°-80°)	1972.7	13.9	B3/2500		G2/5000
BVH	(80°-90°)	30.6	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-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1636.0	1636.0	1636.0	1636.0	1636.0	1636.0	1636.0	1636.0	1636.0	1636.0	1636.0
2.5°	1645.0	1640.0	1645.0	1645.0	1642.0	1643.0	1639.0	1638.0	1643.0	1639.0	1638.0
5°	1679.0	1675.0	1679.0	1676.0	1671.0	1672.0	1666.0	1664.0	1670.0	1664.0	1665.0
7.5°	1718.0	1711.0	1713.0	1716.0	1711.0	1711.0	1706.0	1703.0	1706.0	1700.0	1704.0
10°	1751.0	1745.0	1748.0	1752.0	1751.0	1754.0	1749.0	1747.0	1744.0	1737.0	1743.0
12.5°	1794.0	1792.0	1796.0	1801.0	1799.0	1803.0	1792.0	1789.0	1788.0	1780.0	1787.0
15°	1850.0	1845.0	1852.0	1858.0	1855.0	1862.0	1853.0	1849.0	1844.0	1834.0	1840.0
17.5°	1906.0	1902.0	1912.0	1915.0	1916.0	1922.0	1915.0	1909.0	1907.0	1900.0	1896.0
20°	1973.0	1968.0	1976.0	1982.0	1977.0	1984.0	1981.0	1977.0	1975.0	1964.0	1963.0
22.5°	2048.0	2041.0	2053.0	2060.0	2053.0	2060.0	2054.0	2053.0	2054.0	2038.0	2040.0
25°	2132.0	2133.0	2145.0	2150.0	2146.0	2150.0	2141.0	2147.0	2144.0	2127.0	2121.0
27.5°	2240.0	2236.0	2249.0	2264.0	2254.0	2254.0	2250.0	2256.0	2255.0	2239.0	2235.0
30°	2366.0	2365.0	2384.0	2393.0	2379.0	2373.0	2372.0	2387.0	2388.0	2371.0	2364.0
32.5°	2498.0	2498.0	2521.0	2532.0	2512.0	2508.0	2504.0	2524.0	2521.0	2498.0	2483.0
35°	2643.0	2637.0	2668.0	2684.0	2664.0	2652.0	2650.0	2668.0	2664.0	2632.0	2614.0
37.5°	2786.0	2790.0	2826.0	2844.0	2820.0	2805.0	2810.0	2822.0	2823.0	2788.0	2769.0
40°	2961.0	2962.0	3007.0	3021.0	2990.0	2967.0	2974.0	3001.0	2999.0	2956.0	2932.0
42.5°	3157.0	3153.0	3209.0	3221.0	3179.0	3135.0	3156.0	3198.0	3208.0	3160.0	3135.0
45°	3367.0	3373.0	3431.0	3444.0	3378.0	3322.0	3367.0	3430.0	3443.0	3391.0	3360.0
47.5°	3622.1	3629.1	3699.1	3704.1	3629.1	3556.1	3616.1	3698.1	3703.1	3631.1	3595.1
50°	3913.1	3937.1	4015.1	4025.1	3951.1	3857.1	3943.1	4016.1	3997.1	3901.1	3868.1
52.5°	4243.1	4262.1	4384.1	4426.1	4361.1	4260.1	4329.1	4374.1	4313.1	4187.1	4136.1
55°	4524.1	4556.1	4718.1	4846.1	4895.1	4819.1	4811.1	4745.1	4575.1	4383.1	4330.1
57.5°	4603.1	4634.1	4885.1	5215.1	5506.1	5544.1	5368.1	5037.1	4671.1	4375.1	4321.1
60°	4282.1	4324.1	4691.1	5316.1	6151.1	6495.1	5859.1	5062.1	4422.1	4025.1	3957.1
62.5°	3363.0	3441.0	3915.1	4895.1	6411.1	7361.1	6061.1	4631.1	3671.1	3202.0	3112.0
65°	1829.0	1896.0	2419.0	3648.1	5884.1	7546.1	5566.1	3526.1	2401.0	1930.0	1881.0
67.5°	686.0	735.0	975.0	1803.0	4160.1	6451.1	4225.1	2019.0	1090.0	782.0	713.0
70°	292.0	298.0	353.0	628.0	1891.0	4197.1	2163.0	686.0	364.0	294.0	286.0
72.5°	210.0	211.0	226.0	278.0	576.0	1841.0	654.0	288.0	222.0	200.0	200.0
75°	168.0	169.0	178.0	201.0	272.0	542.0	282.0	202.0	172.0	157.0	155.0
77.5°	132.0	134.0	143.0	157.0	182.0	248.0	191.0	159.0	138.0	124.0	122.0
80°	98.0	101.0	113.0	120.0	128.0	165.0	139.0	124.0	110.0	95.0	92.0
82.5°	65.0	68.0	84.0	89.0	88.0	104.0	96.0	95.0	84.0	63.0	60.0
85°	39.0	41.0	54.0	58.0	54.0	51.0	61.0	66.0	59.0	41.0	38.0
87.5°	17.0	17.0	24.0	25.0	24.0	19.0	29.0	34.0	35.0	21.0	19.0
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)