

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: P672707

Luminaire Tested: **CCP-SA-2E-750-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672707
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-750-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ
distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

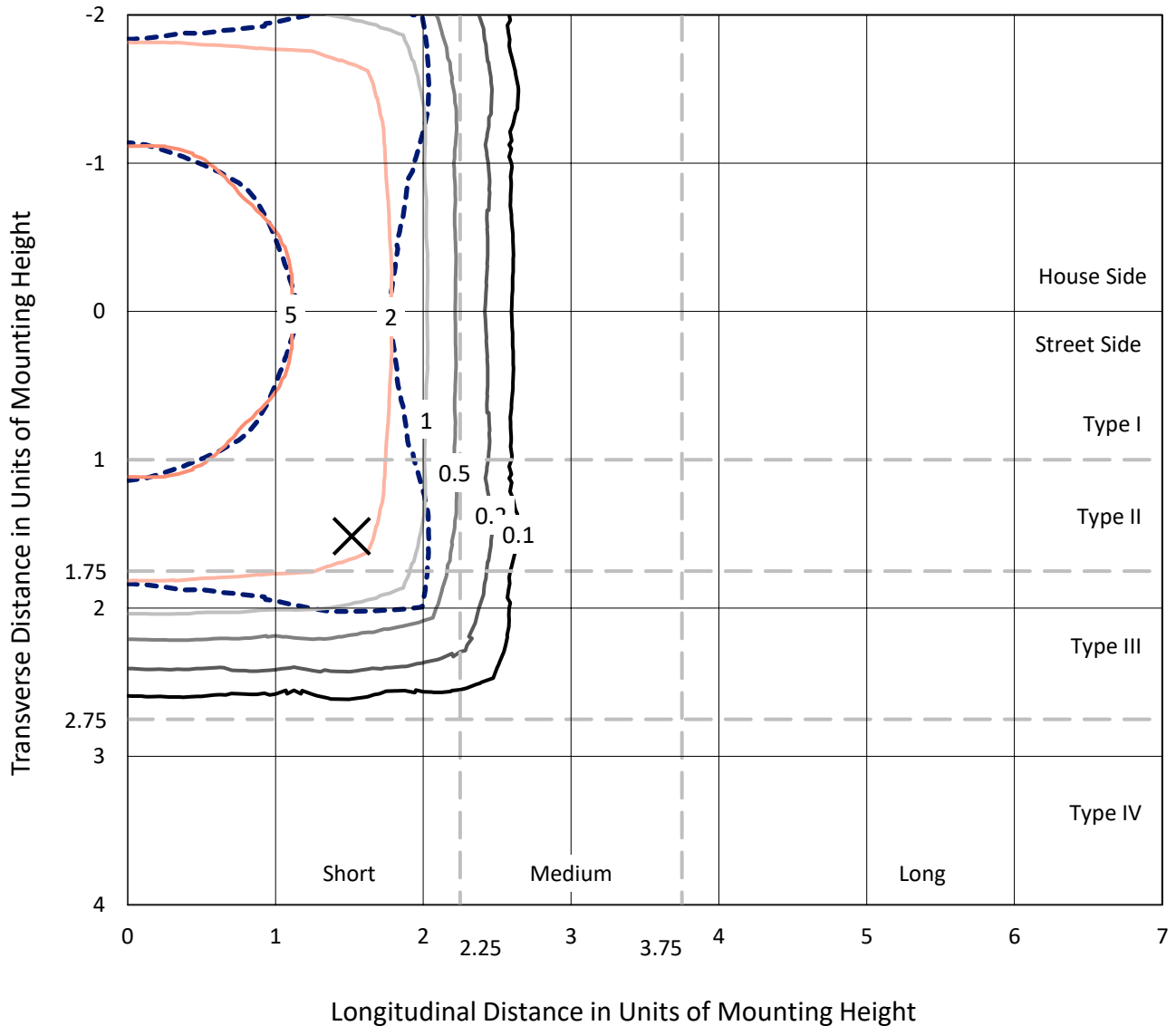
Lumens per Lamp: N/A
Luminaire Lumens: 14554.2 lumens
Efficiency: N/A
Efficacy: 136.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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

REPORT NUMBER: P672707
 CATALOG NUMBER: CCP-SA-2E-750-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

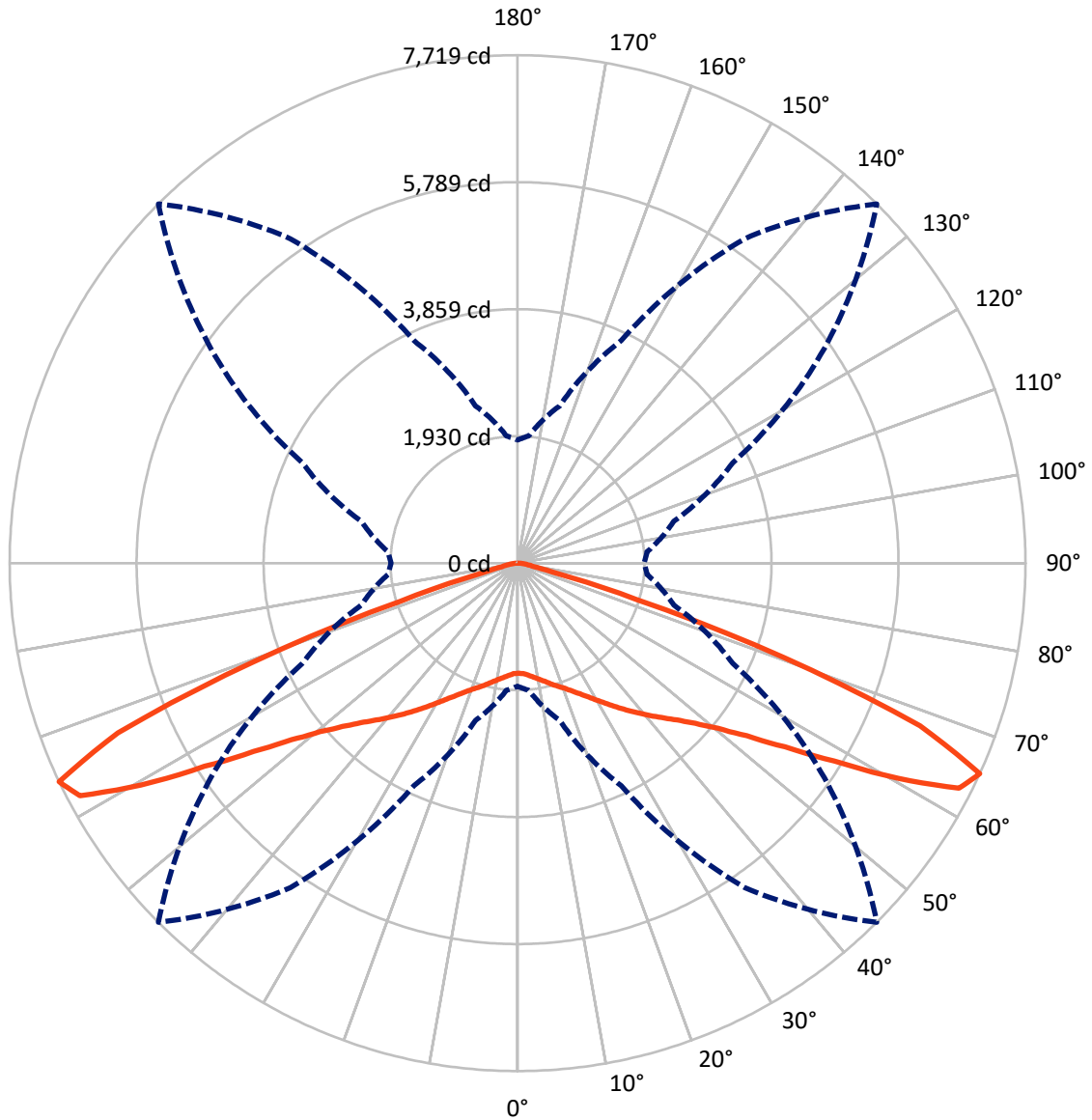
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.6 fc
 Type V - Short - N/A

REPORT NUMBER: P672707
CATALOG NUMBER: CCP-SA-2E-750-U-5NQ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672707

CATALOG NUMBER: CCP-SA-2E-750-U-5NQ

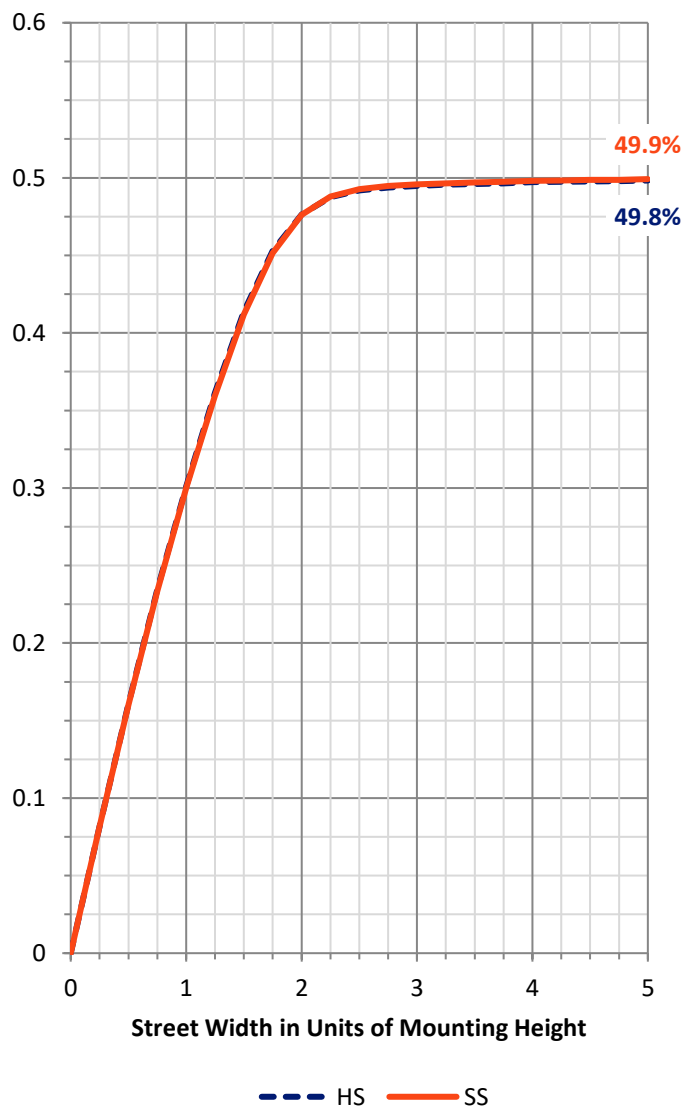
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7277.1	0.0	7277.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7277.1	0.0	7277.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	14554.2	0.0	14554.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.7	1.1
10°-20°	541.1	3.7
20°-30°	1026.2	7.1
30°-40°	1721.0	11.8
40°-50°	2723.3	18.7
50°-60°	4278.4	29.4
60°-70°	3614.9	24.8
70°-80°	420.9	2.9
80°-90°	62.7	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°	14554.2	100.0
0°-180°	14554.2	100.0



REPORT NUMBER: P672707

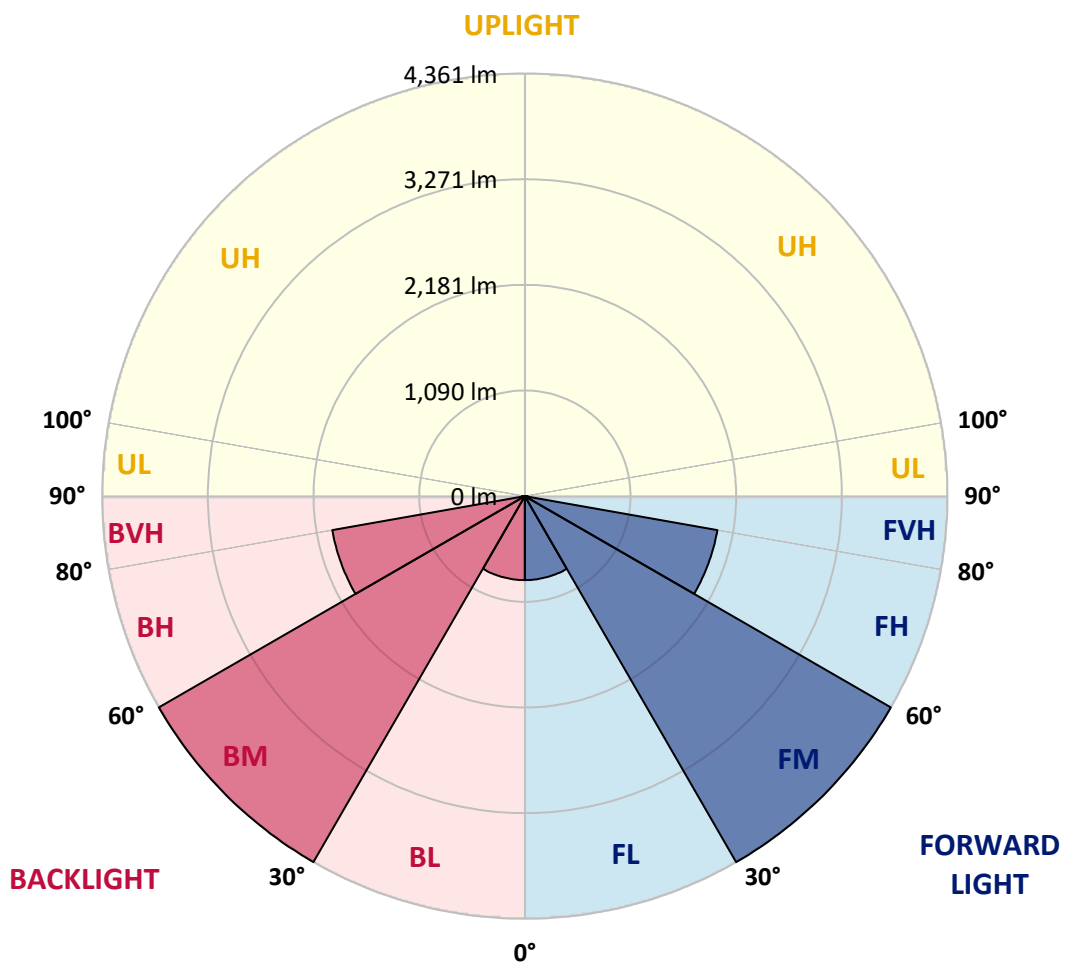
CATALOG NUMBER: CCP-SA-2E-750-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	866.5	6.0			
FM (30°-60°)	4361.4	30.0			
FH (60°-80°)	2017.9	13.9			G2/5000
FVH (80°-90°)	31.3	0.2			G1/100
BL (0°-30°)	866.5	6.0	B2/1000		
BM (30°-60°)	4361.4	30.0	B3/5000		
BH (60°-80°)	2017.9	13.9	B3/2500		G2/5000
BVH (80°-90°)	31.3	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





REPORT NUMBER: P672707

CATALOG NUMBER: CCP-SA-2E-750-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1673.5	1673.5	1673.5	1673.5	1673.5	1673.5	1673.5	1673.5	1673.5	1673.5	1673.5
2.5°	1682.7	1677.6	1682.7	1682.7	1679.6	1680.6	1676.6	1675.5	1680.6	1676.6	1675.5
5°	1717.5	1713.4	1717.5	1714.4	1709.3	1710.3	1704.2	1702.1	1708.3	1702.1	1703.2
7.5°	1757.4	1750.2	1752.3	1755.3	1750.2	1750.2	1745.1	1742.0	1745.1	1739.0	1743.0
10°	1791.1	1785.0	1788.1	1792.1	1791.1	1794.2	1789.1	1787.0	1784.0	1776.8	1782.9
12.5°	1835.1	1833.1	1837.2	1842.3	1840.2	1844.3	1833.1	1830.0	1829.0	1820.8	1827.9
15°	1892.4	1887.3	1894.4	1900.6	1897.5	1904.7	1895.5	1891.4	1886.3	1876.0	1882.2
17.5°	1949.7	1945.6	1955.8	1958.9	1959.9	1966.0	1958.9	1952.7	1950.7	1943.5	1939.4
20°	2018.2	2013.1	2021.3	2027.4	2022.3	2029.5	2026.4	2022.3	2020.3	2009.0	2008.0
22.5°	2094.9	2087.8	2100.0	2107.2	2100.0	2107.2	2101.1	2100.0	2101.1	2084.7	2086.7
25°	2180.9	2181.9	2194.2	2199.3	2195.2	2199.3	2190.1	2196.2	2193.1	2175.7	2169.6
27.5°	2291.3	2287.2	2300.5	2315.9	2305.6	2305.6	2301.6	2307.7	2306.7	2290.3	2286.2
30°	2420.2	2419.2	2438.6	2447.8	2433.5	2427.4	2426.4	2441.7	2442.7	2425.3	2418.2
32.5°	2555.2	2555.2	2578.8	2590.0	2569.6	2565.5	2561.4	2581.8	2578.8	2555.2	2539.9
35°	2703.6	2697.4	2729.1	2745.5	2725.0	2712.8	2710.7	2729.1	2725.0	2692.3	2673.9
37.5°	2849.8	2853.9	2890.8	2909.2	2884.6	2869.3	2874.4	2886.7	2887.7	2851.9	2832.5
40°	3028.9	3029.9	3075.9	3090.2	3058.5	3035.0	3042.1	3069.8	3067.7	3023.7	2999.2
42.5°	3229.3	3225.3	3282.5	3294.8	3251.8	3206.8	3228.3	3271.3	3281.5	3232.4	3206.8
45°	3444.2	3450.3	3509.6	3522.9	3455.4	3398.1	3444.2	3508.6	3521.9	3468.7	3437.0
47.5°	3705.0	3712.2	3783.8	3788.9	3712.2	3637.5	3698.9	3782.7	3787.9	3714.2	3677.4
50°	4002.7	4027.2	4107.0	4117.2	4041.5	3945.4	4033.4	4108.0	4088.6	3990.4	3956.6
52.5°	4340.2	4359.7	4484.5	4527.4	4460.9	4357.6	4428.2	4474.2	4411.8	4282.9	4230.8
55°	4627.7	4660.4	4826.1	4957.0	5007.2	4929.4	4921.2	4853.7	4679.8	4483.4	4429.2
57.5°	4708.5	4740.2	4996.9	5334.5	5632.2	5671.0	5491.0	5152.4	4778.0	4475.3	4420.0
60°	4380.1	4423.1	4798.5	5437.8	6291.9	6643.8	5993.3	5178.0	4523.3	4117.2	4047.7
62.5°	3440.1	3519.8	4004.7	5007.2	6557.9	7529.7	6199.9	4737.1	3755.1	3275.4	3183.3
65°	1870.9	1939.4	2474.4	3731.6	6018.8	7718.9	5693.5	3606.8	2456.0	1974.2	1924.1
67.5°	701.7	751.8	997.3	1844.3	4255.3	6598.8	4321.8	2065.3	1115.0	799.9	729.3
70°	298.7	304.8	361.1	642.4	1934.3	4293.2	2212.6	701.7	372.3	300.7	292.6
72.5°	214.8	215.8	231.2	284.4	589.2	1883.2	669.0	294.6	227.1	204.6	204.6
75°	171.8	172.9	182.1	205.6	278.2	554.4	288.5	206.6	175.9	160.6	158.6
77.5°	135.0	137.1	146.3	160.6	186.2	253.7	195.4	162.6	141.2	126.8	124.8
80°	100.2	103.3	115.6	122.7	130.9	168.8	142.2	126.8	112.5	97.2	94.1
82.5°	66.5	69.6	85.9	91.0	90.0	106.4	98.2	97.2	85.9	64.4	61.4
85°	39.9	41.9	55.2	59.3	55.2	52.2	62.4	67.5	60.4	41.9	38.9
87.5°	17.4	17.4	24.5	25.6	24.5	19.4	29.7	34.8	35.8	21.5	19.4
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)