

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: STREETWORKS

Report Number: P695665

Luminaire Tested: **LXF.LXT-PA16-60-740-U-5WQ**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695665
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: LXF.LXT-PA16-60-740-U-5WQ
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 4000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7221 lumens
Efficiency: N/A
Efficacy: 116.5 lumens/watt
Luminous Opening: Rectangular (W 1.17' x L: 1.17' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

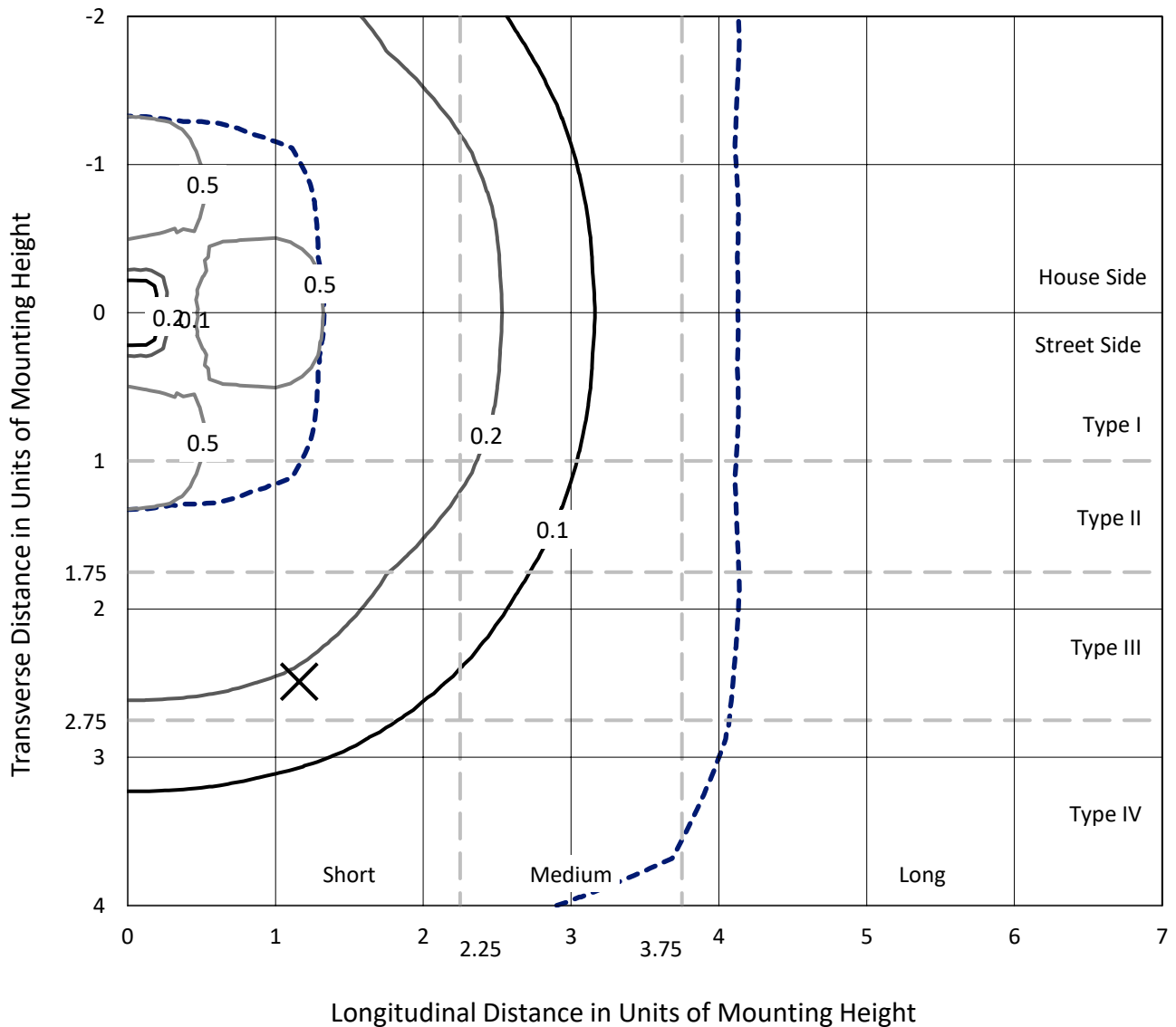
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

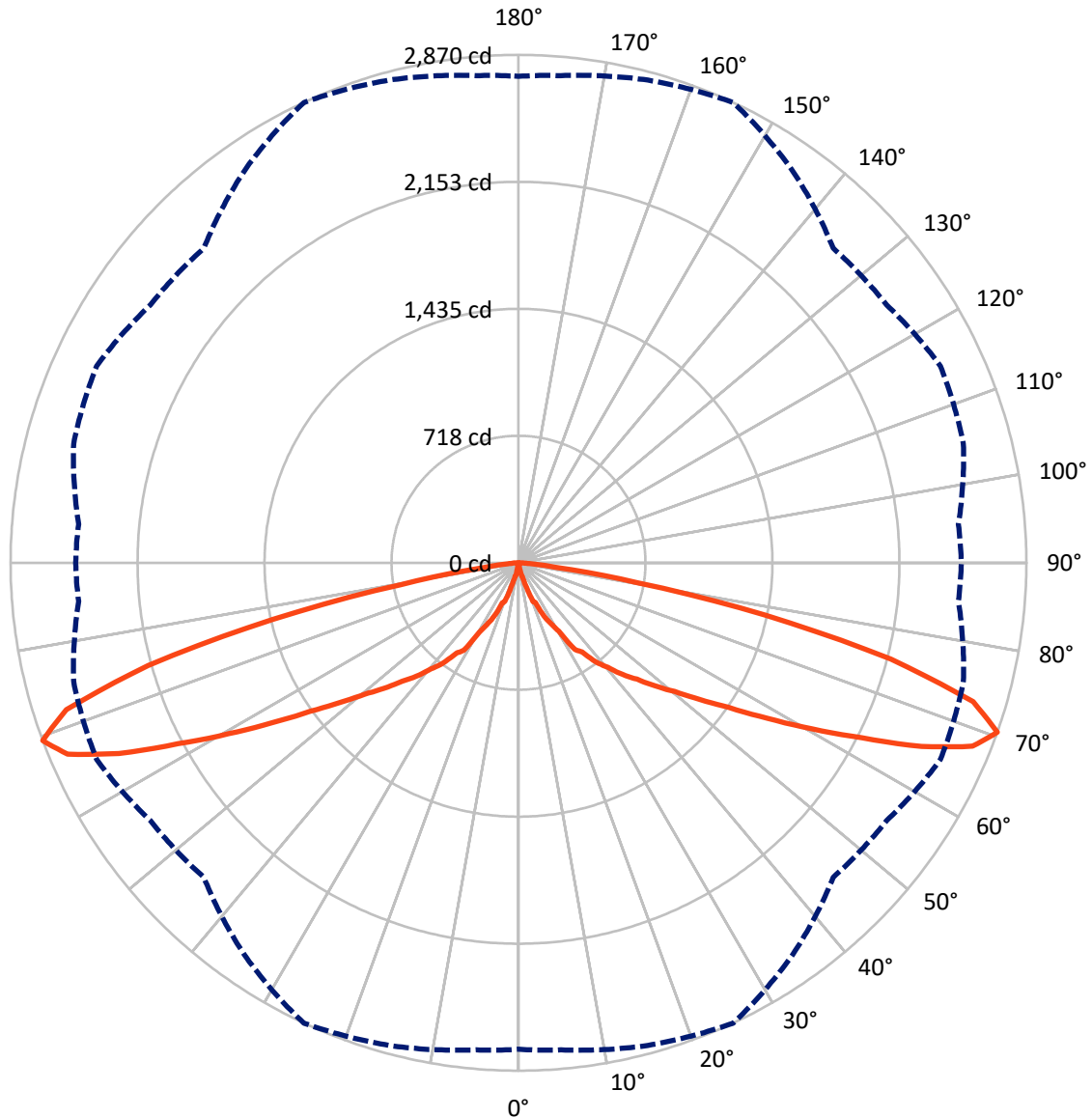
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 25-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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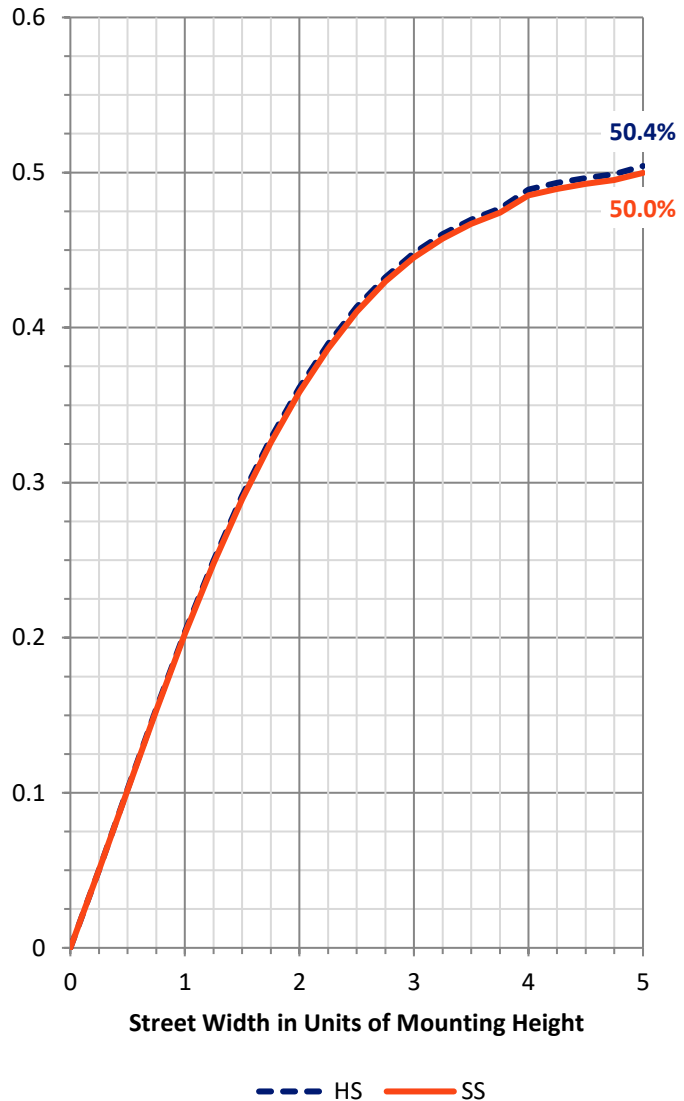
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3610.5	0.0	3610.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3610.5	0.0	3610.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7221.0	0.0	7221.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.1	0.0
10°-20°	31.4	0.4
20°-30°	167.9	2.3
30°-40°	414.9	5.7
40°-50°	741.5	10.3
50°-60°	1321.0	18.3
60°-70°	2327.9	32.2
70°-80°	2023.9	28.0
80°-90°	192.4	2.7
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°	7221.0	100.0
0°-180°	7221.0	100.0

Coefficient of Utilization



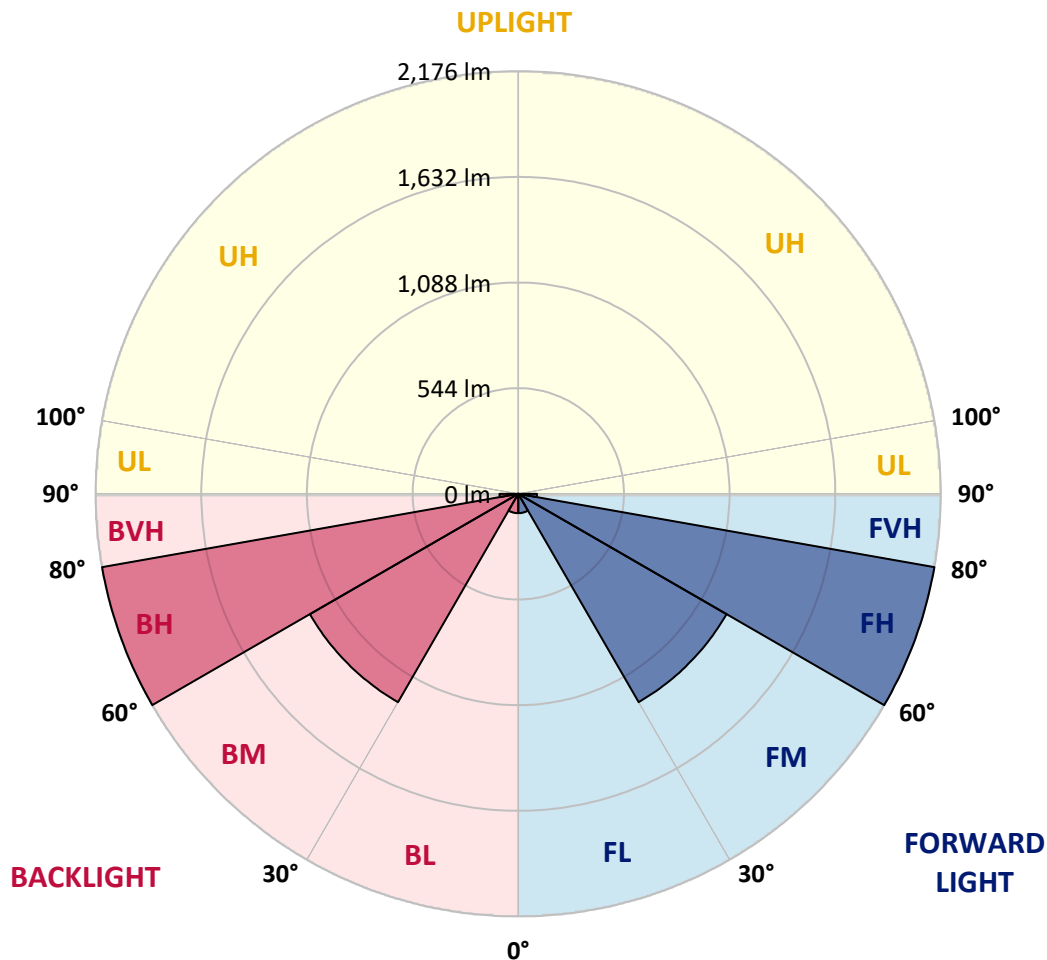
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	99.7	1.4			
FM (30°-60°)	1238.7	17.2			
FH (60°-80°)	2175.9	30.1			G2/5000
FVH (80°-90°)	96.2	1.3			G1/100
BL (0°-30°)	99.7	1.4	B0/110		
BM (30°-60°)	1238.7	17.2	B2/2500		
BH (60°-80°)	2175.9	30.1	B3/2500		G2/5000
BVH (80°-90°)	96.2	1.3			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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	18.6	18.6	14.0	7.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
12.5°	79.1	79.1	76.8	72.2	37.2	4.7	2.3	4.7	20.9	27.9	30.3
15°	97.8	93.1	88.5	81.5	76.8	53.5	27.9	128.0	151.3	156.0	156.0
17.5°	230.4	228.1	214.2	144.3	86.1	88.5	169.9	156.0	160.6	165.3	165.3
20°	246.7	246.7	239.8	232.8	160.6	181.6	195.5	167.6	207.2	291.0	291.0
22.5°	332.9	325.9	267.7	244.4	279.3	242.1	214.2	298.0	328.2	335.2	337.5
25°	419.0	419.0	407.4	332.9	304.9	291.0	316.6	353.8	351.5	372.4	379.4
27.5°	453.9	451.6	428.3	391.1	400.4	372.4	384.1	400.4	495.8	516.8	519.1
30°	614.5	614.5	600.6	449.3	428.3	426.0	442.3	495.8	526.1	542.4	549.4
32.5°	644.8	642.5	630.8	584.3	486.5	474.9	516.8	523.7	693.7	728.6	730.9
35°	761.2	763.5	733.2	619.2	602.9	542.4	551.7	668.1	735.6	763.5	765.8
37.5°	819.4	817.0	803.1	712.3	635.5	591.3	640.1	712.3	782.1	819.4	821.7
40°	884.6	884.6	865.9	777.5	710.0	635.5	693.7	772.8	856.6	884.6	886.9
42.5°	952.1	956.7	938.1	863.6	772.8	686.7	756.5	845.0	942.7	956.7	961.4
45°	1059.1	1052.1	1031.2	938.1	840.3	749.5	824.0	935.8	1038.2	1056.8	1061.5
47.5°	1168.5	1161.6	1135.9	1040.5	931.1	828.7	912.5	1047.5	1149.9	1163.9	1175.5
50°	1277.9	1268.6	1261.6	1142.9	1040.5	933.4	1017.2	1163.9	1261.6	1275.6	1277.9
52.5°	1399.0	1396.7	1394.3	1282.6	1177.8	1054.5	1147.6	1291.9	1396.7	1399.0	1401.3
55°	1550.3	1548.0	1552.6	1443.2	1359.4	1229.1	1312.9	1457.2	1552.6	1541.0	1541.0
57.5°	1724.9	1717.9	1729.5	1657.4	1582.9	1424.6	1513.0	1636.4	1722.5	1699.3	1701.6
60°	1932.0	1939.0	1962.3	1904.1	1820.3	1664.4	1762.1	1836.6	1927.4	1897.1	1897.1
62.5°	2204.4	2199.7	2225.3	2178.8	2071.7	1932.0	2029.8	2074.0	2178.8	2146.2	2146.2
65°	2486.1	2500.0	2514.0	2502.3	2344.1	2174.1	2281.2	2376.6	2420.9	2372.0	2369.7
67.5°	2730.5	2721.2	2770.0	2767.7	2569.9	2369.7	2465.1	2586.1	2604.8	2528.0	2530.3
70°	2749.1	2763.1	2823.6	2870.1	2702.5	2514.0	2539.6	2630.4	2602.4	2495.4	2502.3
72.5°	2493.0	2509.3	2567.5	2686.2	2649.0	2574.5	2472.1	2434.8	2348.7	2264.9	2276.6
75°	1832.0	1845.9	1980.9	2171.8	2313.8	2381.3	2199.7	2050.8	1955.3	1871.5	1890.1
77.5°	991.6	1019.6	1182.5	1424.6	1734.2	1878.5	1722.5	1473.5	1215.1	1098.7	1063.8
80°	379.4	370.1	472.5	679.7	984.6	1194.1	1056.8	737.9	465.6	344.5	353.8
82.5°	97.8	107.1	151.3	207.2	402.7	623.8	470.2	230.4	146.6	118.7	100.1
85°	30.3	30.3	48.9	60.5	116.4	183.9	95.4	62.8	51.2	30.3	25.6
87.5°	7.0	9.3	14.0	16.3	18.6	11.6	11.6	7.0	2.3	2.3	0.0
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)