

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: P695605

Luminaire Tested: **LXF.LXT-PA16-60-730-U-5WQ**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695605
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-PA16-60-730-U-5WQ
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6593 lumens
Efficiency: N/A
Efficacy: 106.3 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

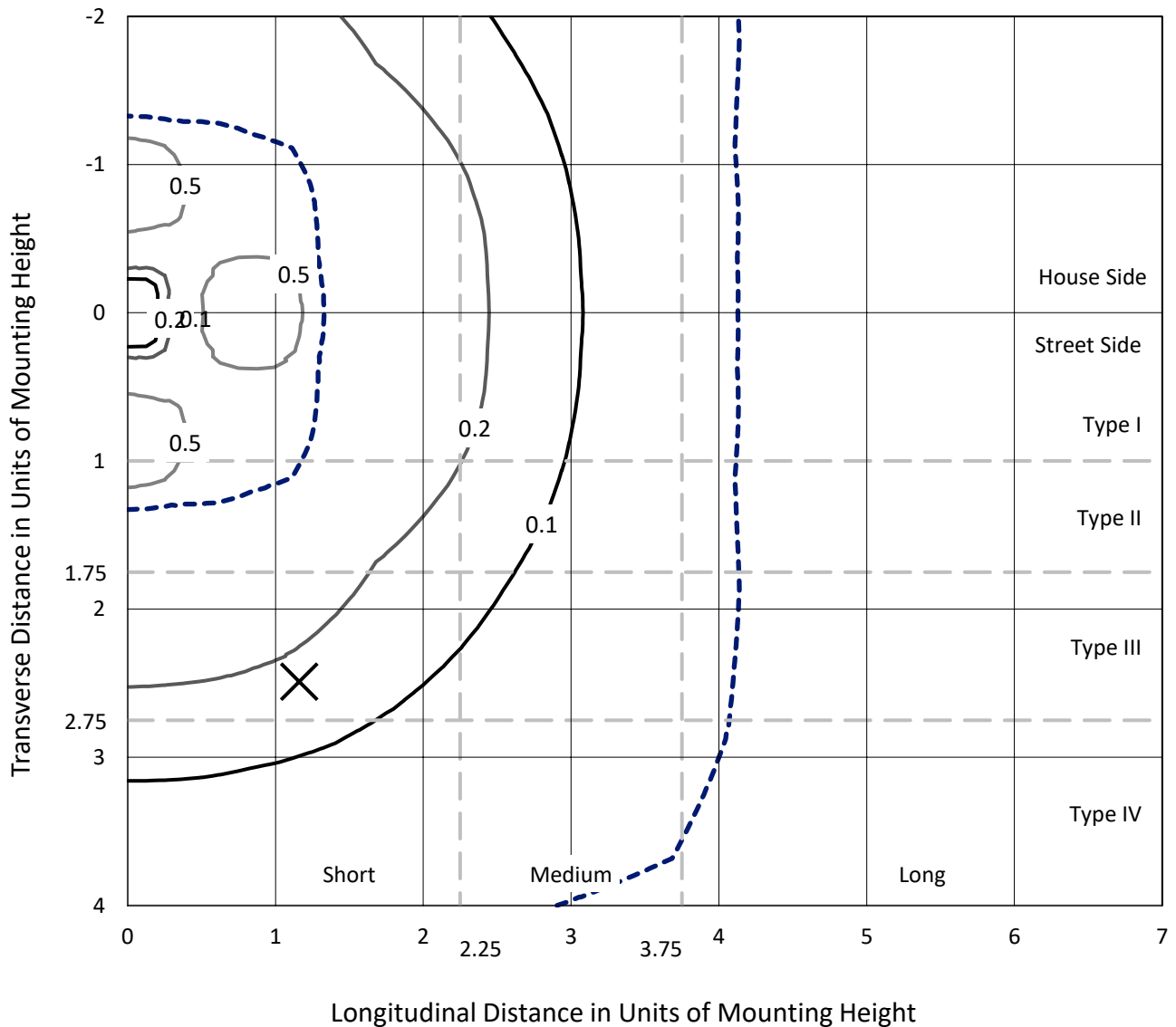
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

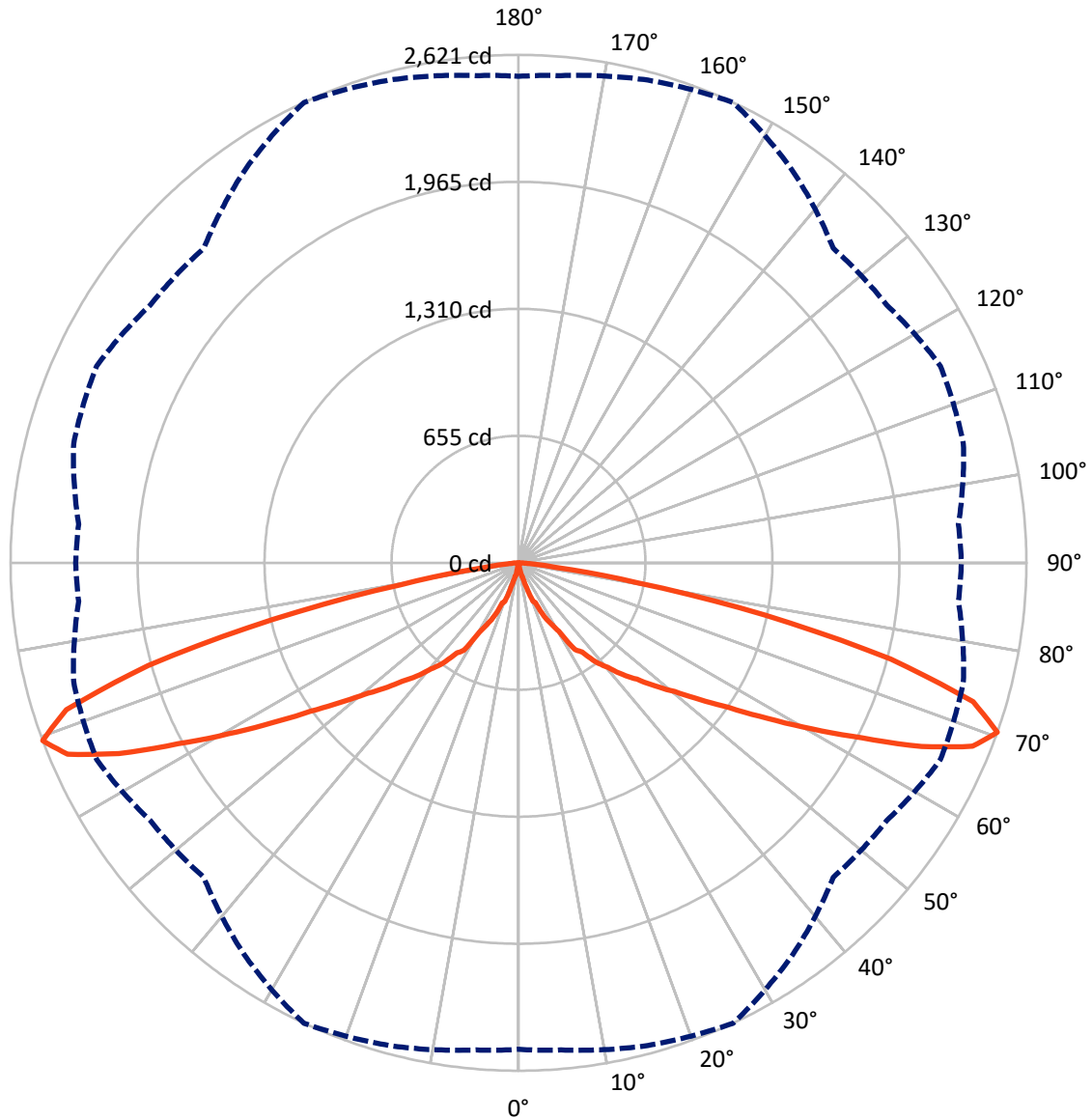
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 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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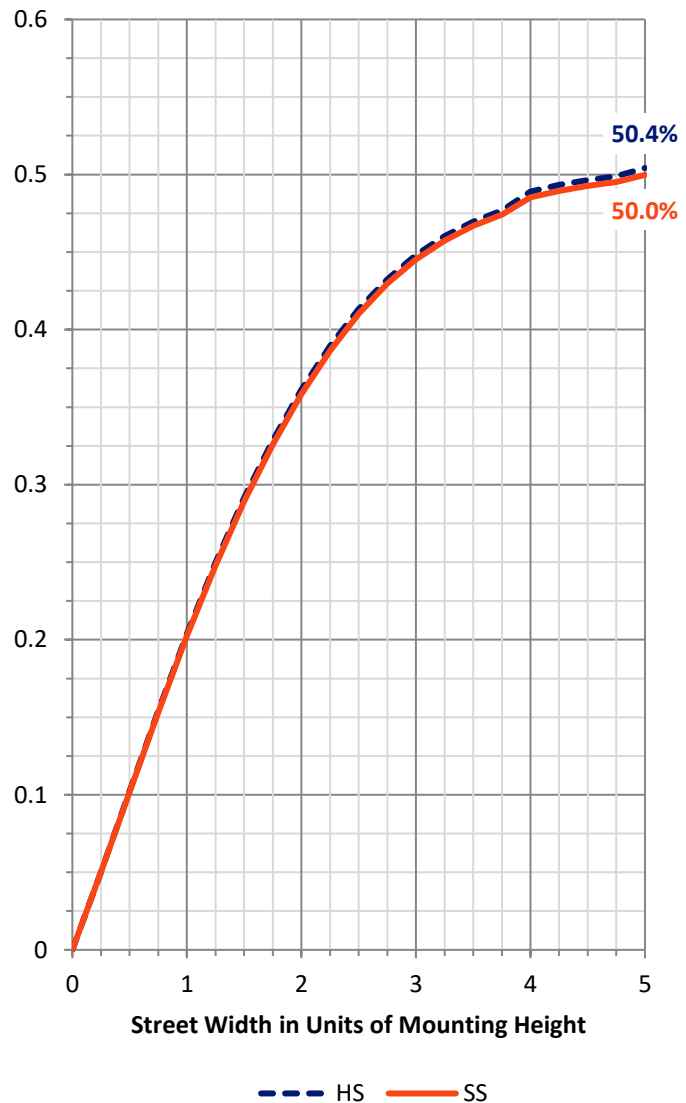
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3296.5	0.0	3296.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3296.5	0.0	3296.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6593.0	0.0	6593.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.1	0.0
10°-20°	28.7	0.4
20°-30°	153.3	2.3
30°-40°	378.8	5.7
40°-50°	677.0	10.3
50°-60°	1206.1	18.3
60°-70°	2125.5	32.2
70°-80°	1847.9	28.0
80°-90°	175.6	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°	6593.0	100.0
0°-180°	6593.0	100.0

Coefficient of Utilization



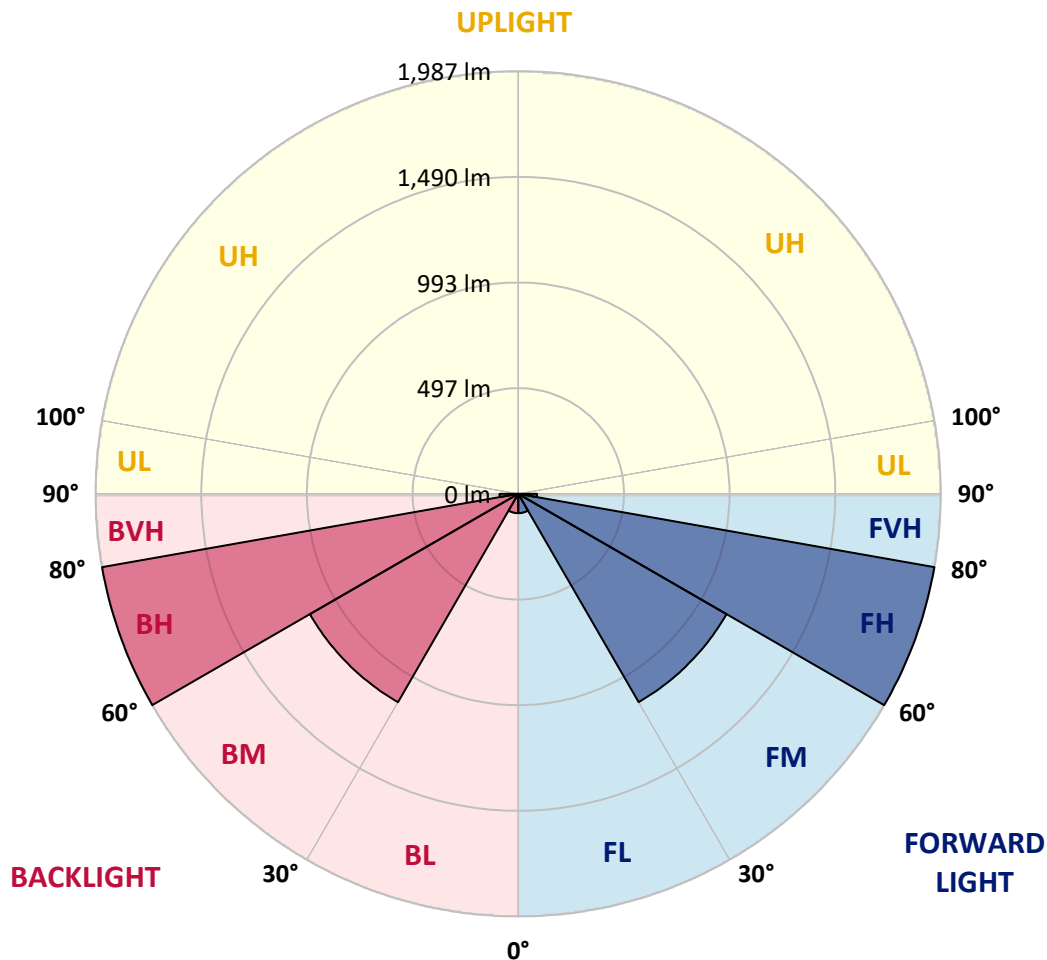
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	91.0	1.4			
FM (30°-60°)	1131.0	17.2			
FH (60°-80°)	1986.7	30.1			G2/5000
FVH (80°-90°)	87.8	1.3			G1/100
BL (0°-30°)	91.0	1.4	B0/110		
BM (30°-60°)	1131.0	17.2	B2/2500		
BH (60°-80°)	1986.7	30.1	B3/2500		G2/5000
BVH (80°-90°)	87.8	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°	17.0	17.0	12.8	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0
12.5°	72.3	72.3	70.1	65.9	34.0	4.3	2.1	4.3	19.1	25.5	27.6
15°	89.3	85.0	80.8	74.4	70.1	48.9	25.5	116.9	138.1	142.4	142.4
17.5°	210.4	208.3	195.5	131.8	78.6	80.8	155.1	142.4	146.6	150.9	150.9
20°	225.3	225.3	218.9	212.5	146.6	165.8	178.5	153.0	189.2	265.7	265.7
22.5°	303.9	297.5	244.4	223.2	255.0	221.0	195.5	272.0	299.7	306.0	308.2
25°	382.6	382.6	371.9	303.9	278.4	265.7	289.0	323.0	320.9	340.1	346.4
27.5°	414.4	412.3	391.1	357.1	365.6	340.1	350.7	365.6	452.7	471.8	473.9
30°	561.1	561.1	548.3	410.2	391.1	388.9	403.8	452.7	480.3	495.2	501.6
32.5°	588.7	586.6	576.0	533.5	444.2	433.6	471.8	478.2	633.3	665.2	667.4
35°	695.0	697.1	669.5	565.3	550.5	495.2	503.7	610.0	671.6	697.1	699.2
37.5°	748.1	746.0	733.2	650.3	580.2	539.8	584.5	650.3	714.1	748.1	750.2
40°	807.6	807.6	790.6	709.9	648.2	580.2	633.3	705.6	782.1	807.6	809.7
42.5°	869.3	873.5	856.5	788.5	705.6	627.0	690.7	771.5	860.8	873.5	877.8
45°	967.0	960.6	941.5	856.5	767.2	684.4	752.4	854.4	947.9	964.9	969.1
47.5°	1066.9	1060.5	1037.2	950.0	850.1	756.6	833.1	956.4	1049.9	1062.7	1073.3
50°	1166.8	1158.3	1151.9	1043.5	950.0	852.3	928.8	1062.7	1151.9	1164.7	1166.8
52.5°	1277.3	1275.2	1273.1	1171.1	1075.4	962.8	1047.8	1179.6	1275.2	1277.3	1279.4
55°	1415.5	1413.3	1417.6	1317.7	1241.2	1122.2	1198.7	1330.5	1417.6	1407.0	1407.0
57.5°	1574.9	1568.5	1579.1	1513.2	1445.2	1300.7	1381.5	1494.1	1572.7	1551.5	1553.6
60°	1764.0	1770.4	1791.6	1738.5	1662.0	1519.6	1608.9	1676.9	1759.8	1732.1	1732.1
62.5°	2012.7	2008.4	2031.8	1989.3	1891.5	1764.0	1853.3	1893.7	1989.3	1959.5	1959.5
65°	2269.8	2282.6	2295.3	2284.7	2140.2	1985.1	2082.8	2170.0	2210.3	2165.7	2163.6
67.5°	2493.0	2484.5	2529.1	2527.0	2346.4	2163.6	2250.7	2361.2	2378.2	2308.1	2310.2
70°	2510.0	2522.8	2578.0	2620.5	2467.5	2295.3	2318.7	2401.6	2376.1	2278.3	2284.7
72.5°	2276.2	2291.1	2344.2	2452.6	2418.6	2350.6	2257.1	2223.1	2144.4	2067.9	2078.6
75°	1672.6	1685.4	1808.6	1982.9	2112.6	2174.2	2008.4	1872.4	1785.3	1708.8	1725.8
77.5°	905.4	930.9	1079.7	1300.7	1583.4	1715.1	1572.7	1345.3	1109.4	1003.2	971.3
80°	346.4	337.9	431.4	620.6	899.0	1090.3	964.9	673.7	425.1	314.5	323.0
82.5°	89.3	97.8	138.1	189.2	367.7	569.6	429.3	210.4	133.9	108.4	91.4
85°	27.6	27.6	44.6	55.3	106.3	167.9	87.1	57.4	46.8	27.6	23.4
87.5°	6.4	8.5	12.8	14.9	17.0	10.6	10.6	6.4	2.1	2.1	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)