

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: P695875

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

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695875
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-PA16-730-U-5WQ
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1340mA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7322 lumens
Efficiency: N/A
Efficacy: 101.7 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

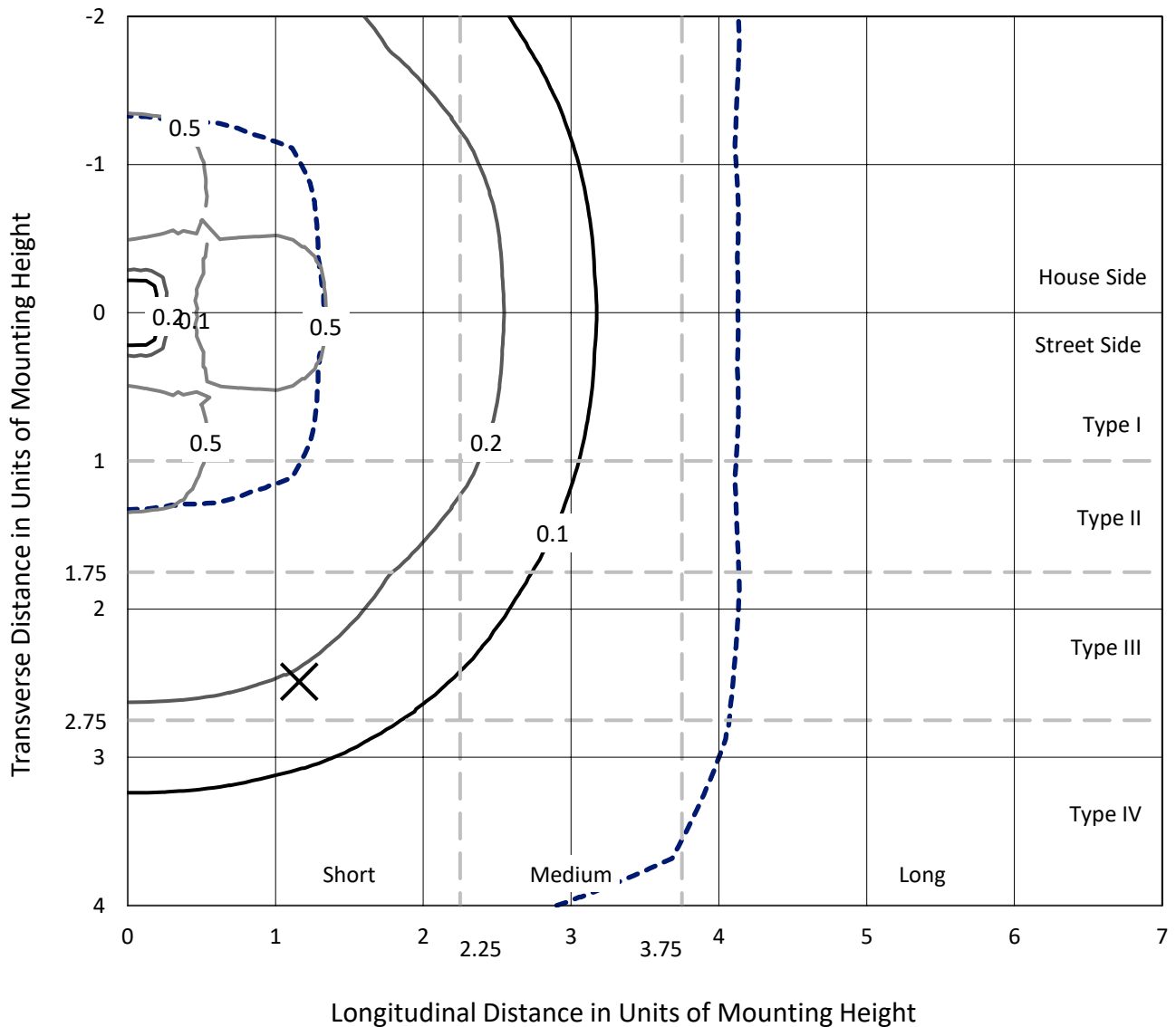
Input Watts (W): 72
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

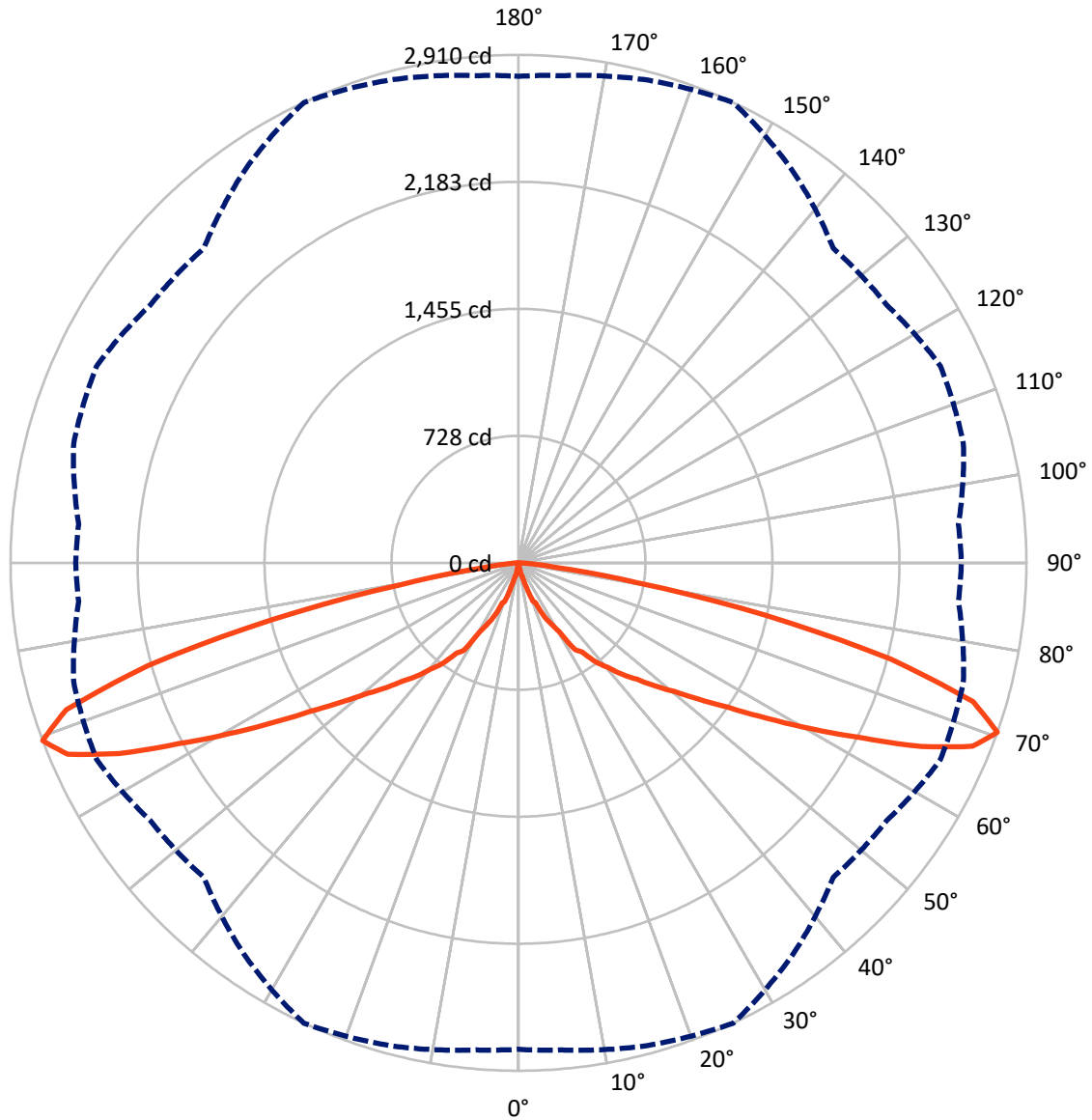
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P695875
CATALOG NUMBER: LXF.LXT-PA16-730-U-5WQ

Luminous Intensity Polar Plot



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

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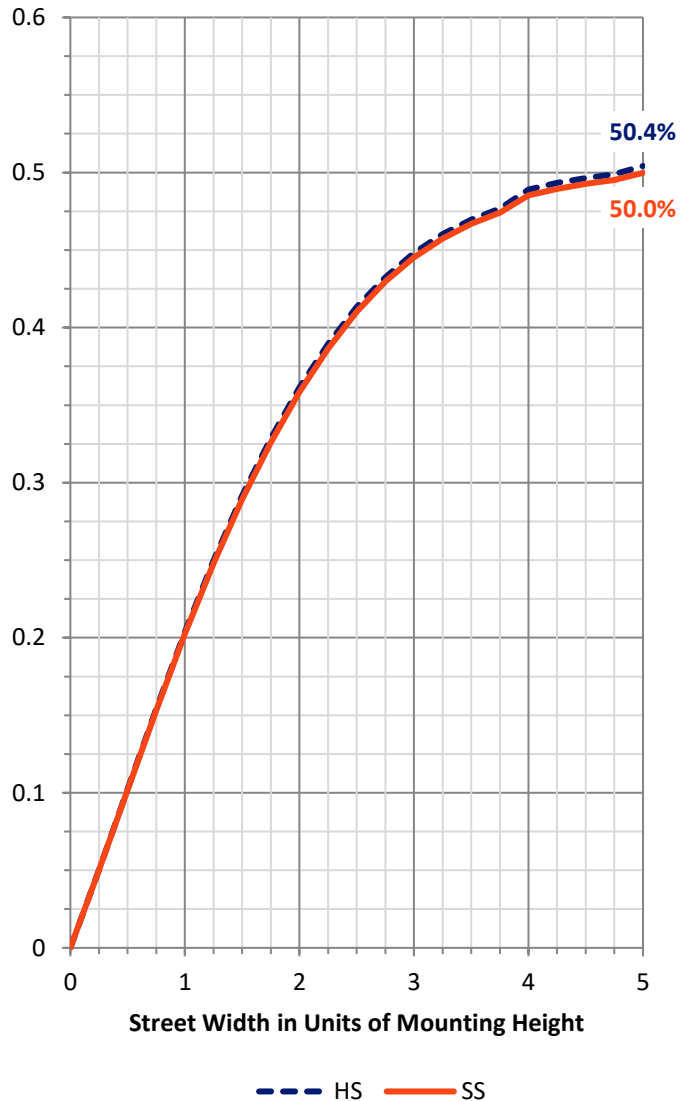
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3661.0	0.0	3661.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3661.0	0.0	3661.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7322.0	0.0	7322.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.1	0.0
10°-20°	31.8	0.4
20°-30°	170.3	2.3
30°-40°	420.7	5.7
40°-50°	751.9	10.3
50°-60°	1339.4	18.3
60°-70°	2360.5	32.2
70°-80°	2052.2	28.0
80°-90°	195.1	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°	7322.0	100.0
0°-180°	7322.0	100.0

Coefficient of Utilization



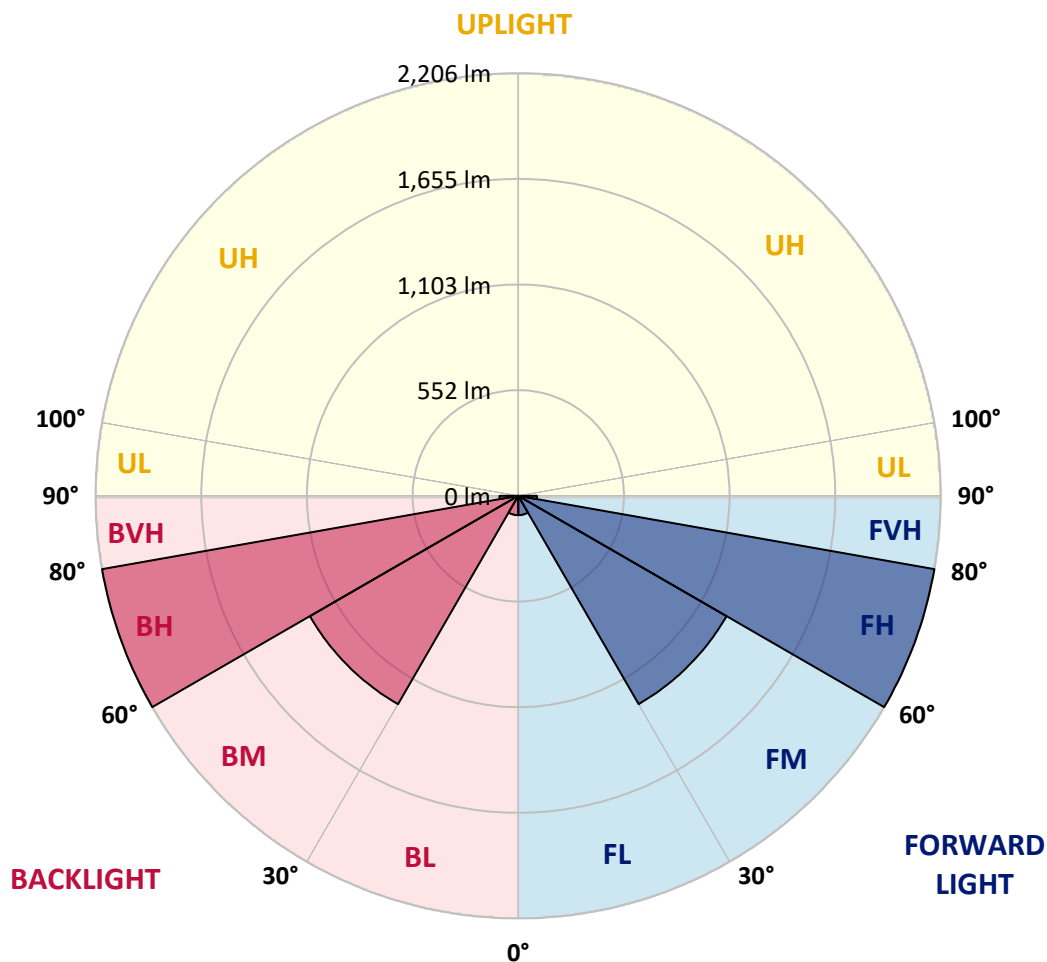
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 CATALOG NUMBER: LXF.LXT-PA16-730-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	101.1	1.4			
FM (30°-60°)	1256.0	17.2			
FH (60°-80°)	2206.3	30.1			G2/5000
FVH (80°-90°)	97.5	1.3			G1/100
BL (0°-30°)	101.1	1.4	B0/110		
BM (30°-60°)	1256.0	17.2	B2/2500		
BH (60°-80°)	2206.3	30.1	B3/2500		G2/5000
BVH (80°-90°)	97.5	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°	18.9	18.9	14.2	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
12.5°	80.3	80.3	77.9	73.2	37.8	4.7	2.4	4.7	21.2	28.3	30.7
15°	99.1	94.4	89.7	82.6	77.9	54.3	28.3	129.8	153.4	158.1	158.1
17.5°	233.7	231.3	217.1	146.3	87.3	89.7	172.3	158.1	162.9	167.6	167.6
20°	250.2	250.2	243.1	236.0	162.9	184.1	198.3	169.9	210.1	295.0	295.0
22.5°	337.5	330.4	271.4	247.8	283.2	245.5	217.1	302.1	332.8	339.9	342.2
25°	424.9	424.9	413.1	337.5	309.2	295.0	321.0	358.8	356.4	377.7	384.7
27.5°	460.3	457.9	434.3	396.5	406.0	377.7	389.5	406.0	502.7	524.0	526.4
30°	623.1	623.1	609.0	455.5	434.3	431.9	448.5	502.7	533.4	550.0	557.0
32.5°	653.8	651.4	639.6	592.4	493.3	481.5	524.0	531.1	703.4	738.8	741.1
35°	771.8	774.2	743.5	627.8	611.3	550.0	559.4	677.4	745.9	774.2	776.5
37.5°	830.8	828.5	814.3	722.3	644.4	599.5	649.1	722.3	793.1	830.8	833.2
40°	896.9	896.9	878.0	788.3	719.9	644.4	703.4	783.6	868.6	896.9	899.3
42.5°	965.4	970.1	951.2	875.7	783.6	696.3	767.1	856.8	955.9	970.1	974.8
45°	1073.9	1066.9	1045.6	951.2	852.1	760.0	835.6	948.8	1052.7	1071.6	1076.3
47.5°	1184.9	1177.8	1151.8	1055.1	944.1	840.3	925.2	1062.1	1166.0	1180.2	1192.0
50°	1295.8	1286.4	1279.3	1158.9	1055.1	946.5	1031.5	1180.2	1279.3	1293.5	1295.8
52.5°	1418.6	1416.2	1413.8	1300.5	1194.3	1069.2	1163.6	1310.0	1416.2	1418.6	1420.9
55°	1572.0	1569.6	1574.3	1463.4	1378.4	1246.3	1331.2	1477.6	1574.3	1562.5	1562.5
57.5°	1749.0	1741.9	1753.7	1680.5	1605.0	1444.5	1534.2	1659.3	1746.6	1723.0	1725.4
60°	1959.1	1966.1	1989.8	1930.7	1845.8	1687.6	1786.8	1862.3	1954.3	1923.7	1923.7
62.5°	2235.2	2230.5	2256.5	2209.3	2100.7	1959.1	2058.2	2103.0	2209.3	2176.2	2176.2
65°	2520.8	2535.0	2549.1	2537.3	2376.8	2204.5	2313.1	2409.9	2454.7	2405.2	2402.8
67.5°	2768.7	2759.2	2808.8	2806.4	2605.8	2402.8	2499.6	2622.3	2641.2	2563.3	2565.7
70°	2787.5	2801.7	2863.1	2910.3	2740.3	2549.1	2575.1	2667.2	2638.8	2530.3	2537.3
72.5°	2527.9	2544.4	2603.4	2723.8	2686.0	2610.5	2506.7	2468.9	2381.6	2296.6	2308.4
75°	1857.6	1871.7	2008.6	2202.2	2346.2	2414.6	2230.5	2079.4	1982.7	1897.7	1916.6
77.5°	1005.5	1033.8	1199.0	1444.5	1758.4	1904.8	1746.6	1494.1	1232.1	1114.1	1078.7
80°	384.7	375.3	479.1	689.2	998.4	1210.8	1071.6	748.2	472.1	349.3	358.8
82.5°	99.1	108.6	153.4	210.1	408.3	632.6	476.8	233.7	148.7	120.4	101.5
85°	30.7	30.7	49.6	61.4	118.0	186.5	96.8	63.7	51.9	30.7	26.0
87.5°	7.1	9.4	14.2	16.5	18.9	11.8	11.8	7.1	2.4	2.4	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)