

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1208375

Luminaire Tested: UPW-SA1-060-750-U-T1

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208375
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-5)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-060-750-U-T1
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 5000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7587 lumens
Efficiency: N/A
Efficacy: 128.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 59
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: 28.75 FT

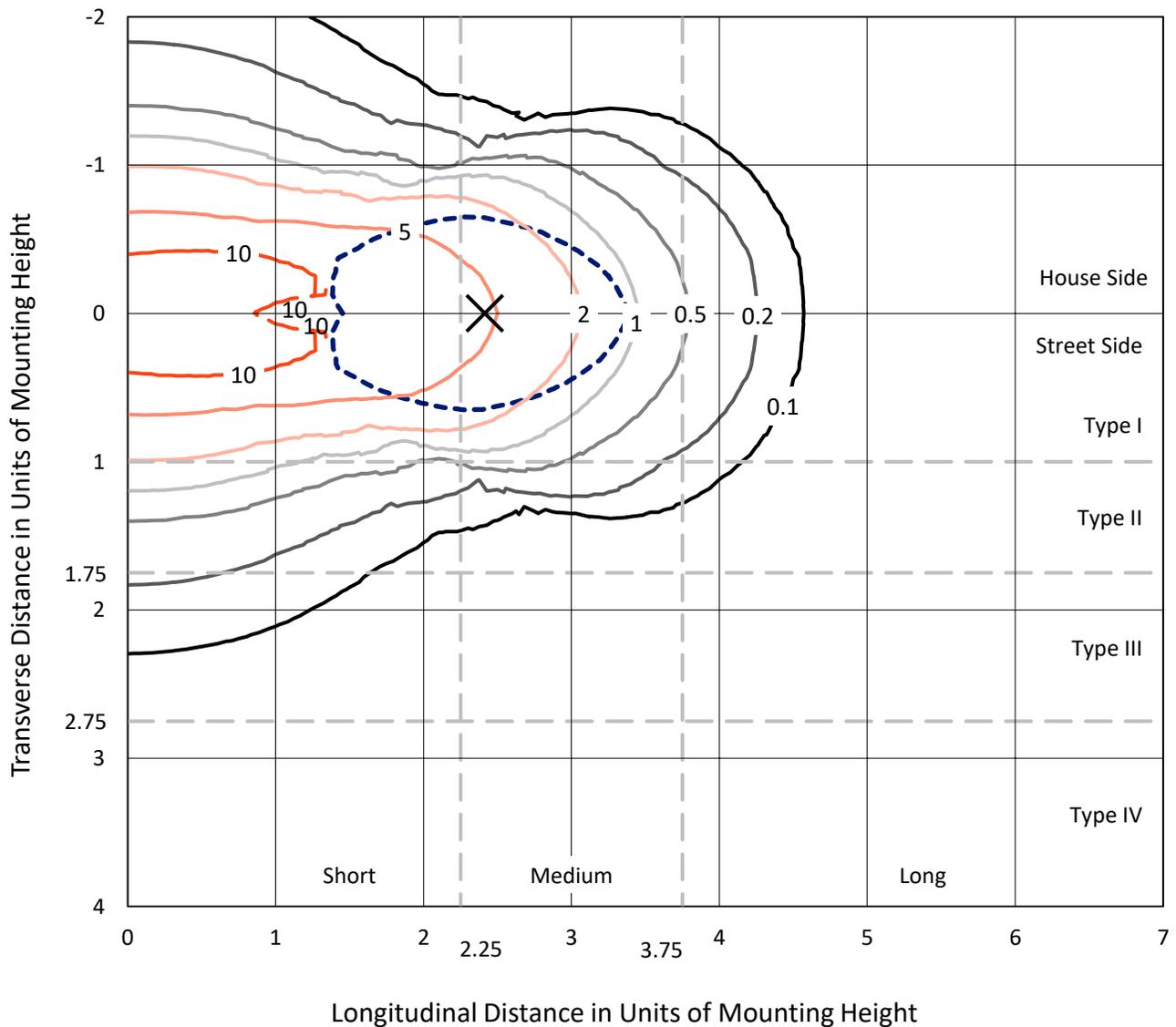


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

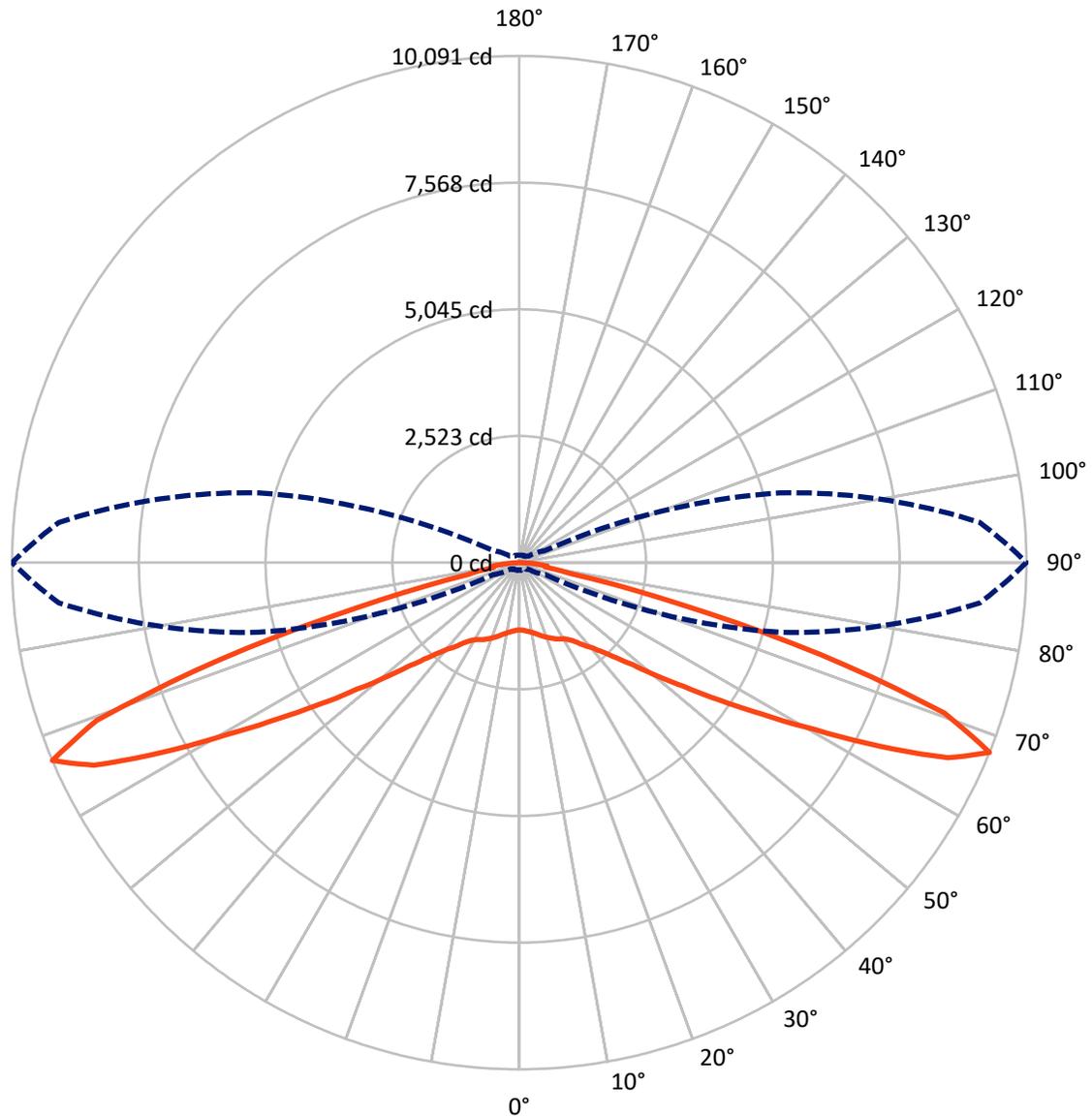


Based on 10 foot mounting height. Maximum calculated value = 14.1 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3793.5	0.0	3793.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3793.5	0.0	3793.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7587.0	0.0	7587.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	1.8
10°-20°	428.4	5.6
20°-30°	717.1	9.5
30°-40°	971.5	12.8
40°-50°	1230.5	16.2
50°-60°	1537.3	20.3
60°-70°	1807.0	23.8
70°-80°	691.3	9.1
80°-90°	70.0	0.9
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°	7587.0	100.0
0°-180°	7587.0	100.0



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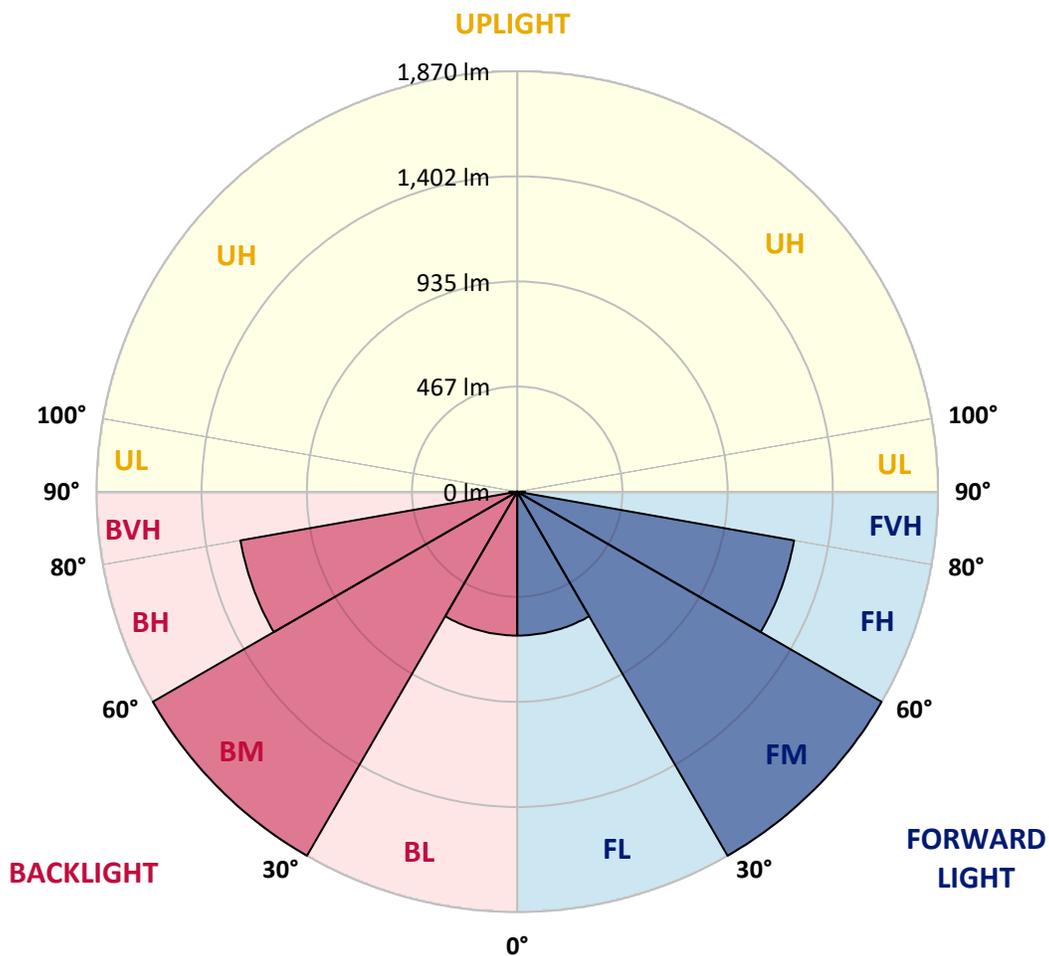
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	639.7	8.4			
FM (30°-60°)	1869.6	24.6			
FH (60°-80°)	1249.1	16.5			G1/1800
FVH (80°-90°)	35.0	0.5			G1/100
BL (0°-30°)	639.7	8.4	B2/1000		
BM (30°-60°)	1869.6	24.6	B2/2500		
BH (60°-80°)	1249.1	16.5	B3/2500		G3/2500
BVH (80°-90°)	35.0	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1343.1	1343.1	1343.1	1343.1	1343.1	1343.1	1343.1	1343.1	1343.1	1343.1	1343.1
2.5°	1360.4	1359.5	1359.9	1359.5	1360.8	1359.9	1354.9	1350.7	1347.3	1347.8	1346.5
5°	1389.3	1389.8	1390.2	1388.1	1391.0	1389.3	1381.4	1374.6	1367.9	1365.4	1364.6
7.5°	1413.3	1415.4	1416.7	1418.8	1423.8	1423.8	1419.6	1409.9	1395.2	1386.8	1386.4
10°	1437.2	1438.9	1442.7	1449.4	1457.8	1465.8	1464.1	1451.1	1432.2	1417.9	1414.6
12.5°	1445.6	1447.7	1460.3	1479.7	1498.6	1514.1	1514.1	1503.6	1479.3	1457.4	1451.1
15°	1416.2	1420.0	1442.7	1483.9	1533.5	1567.5	1575.0	1560.3	1534.3	1500.7	1493.1
17.5°	1357.8	1367.1	1400.3	1461.2	1543.5	1614.1	1636.0	1628.8	1595.2	1552.4	1543.5
20°	1295.2	1305.3	1340.6	1421.3	1535.1	1641.4	1704.9	1706.5	1664.9	1602.8	1589.7
22.5°	1226.3	1233.9	1279.3	1373.8	1509.9	1647.7	1764.1	1793.1	1736.8	1653.2	1634.7
25°	1149.0	1157.4	1204.9	1307.0	1462.5	1640.6	1818.3	1882.2	1812.0	1707.0	1683.4
27.5°	1075.1	1078.5	1129.3	1233.1	1399.9	1622.1	1858.2	1964.1	1895.2	1751.5	1721.7
30°	1004.1	1012.1	1057.0	1159.5	1328.0	1586.0	1892.7	2057.3	1984.7	1798.1	1759.9
32.5°	928.9	938.6	987.3	1091.1	1256.2	1531.8	1913.7	2159.4	2109.4	1873.8	1833.0
35°	856.6	862.9	912.1	1012.9	1186.0	1468.8	1917.4	2274.5	2270.3	1988.4	1934.2
37.5°	782.7	791.9	841.5	938.1	1111.6	1402.0	1898.5	2396.8	2464.4	2147.7	2089.3
40°	711.7	719.7	768.4	865.9	1027.2	1320.4	1853.6	2508.6	2690.9	2311.5	2228.8
42.5°	634.4	636.5	689.8	789.0	944.4	1225.9	1788.9	2608.1	2943.4	2531.2	2428.3
45°	546.6	552.0	601.6	699.1	849.5	1120.0	1701.1	2690.5	3263.5	2835.8	2695.5
47.5°	458.8	463.4	508.8	605.0	745.7	998.6	1565.8	2762.7	3592.1	3222.8	3038.8
50°	373.1	375.6	412.6	497.8	628.9	870.9	1398.2	2785.8	3963.4	3770.6	3535.8
52.5°	294.9	298.7	326.9	393.7	504.1	720.1	1217.1	2728.7	4397.0	4420.1	4089.1
55°	239.1	240.3	261.3	310.5	394.1	562.1	998.6	2569.5	4863.4	5252.4	4830.2
57.5°	205.9	206.7	218.5	245.8	303.3	423.9	774.7	2268.2	5282.2	6227.5	5684.7
60°	187.0	187.4	194.1	210.1	240.3	325.2	555.0	1843.1	5695.6	7312.7	6746.8
62.5°	175.2	175.2	179.8	188.6	203.3	249.6	402.1	1329.7	5978.8	8413.8	8055.9
65°	163.8	163.8	167.2	173.5	181.5	204.2	297.0	867.1	5971.6	9215.8	9372.5
67.5°	150.8	150.8	153.3	159.6	164.3	175.6	229.4	568.0	5364.1	9198.2	10090.9
70°	135.3	135.3	138.6	144.1	147.9	155.0	181.1	388.6	3940.8	7853.8	8974.3
72.5°	119.7	120.2	122.3	127.7	130.7	134.9	150.4	272.2	2417.4	5347.8	6275.0
75°	102.5	103.4	105.5	110.9	113.4	115.1	126.9	194.1	1223.0	2883.3	3282.8
77.5°	82.8	84.4	85.7	91.6	93.3	95.8	104.6	140.3	536.9	1036.0	1045.3
80°	60.5	62.6	66.4	71.8	73.1	74.8	79.8	99.6	243.3	473.1	513.8
82.5°	44.5	47.5	42.9	50.0	50.0	47.9	56.3	66.8	111.8	468.4	560.4
85°	24.4	24.8	22.3	25.6	27.3	26.9	29.8	32.8	54.2	312.6	322.2
87.5°	5.9	6.3	6.7	8.0	9.7	9.7	10.5	9.2	17.6	101.2	58.0
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)