

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: P1208348

Luminaire Tested: UPW-SA1-060-740-U-T1

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208348
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-SA1-060-740-U-T1
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 4000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE I OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7588 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

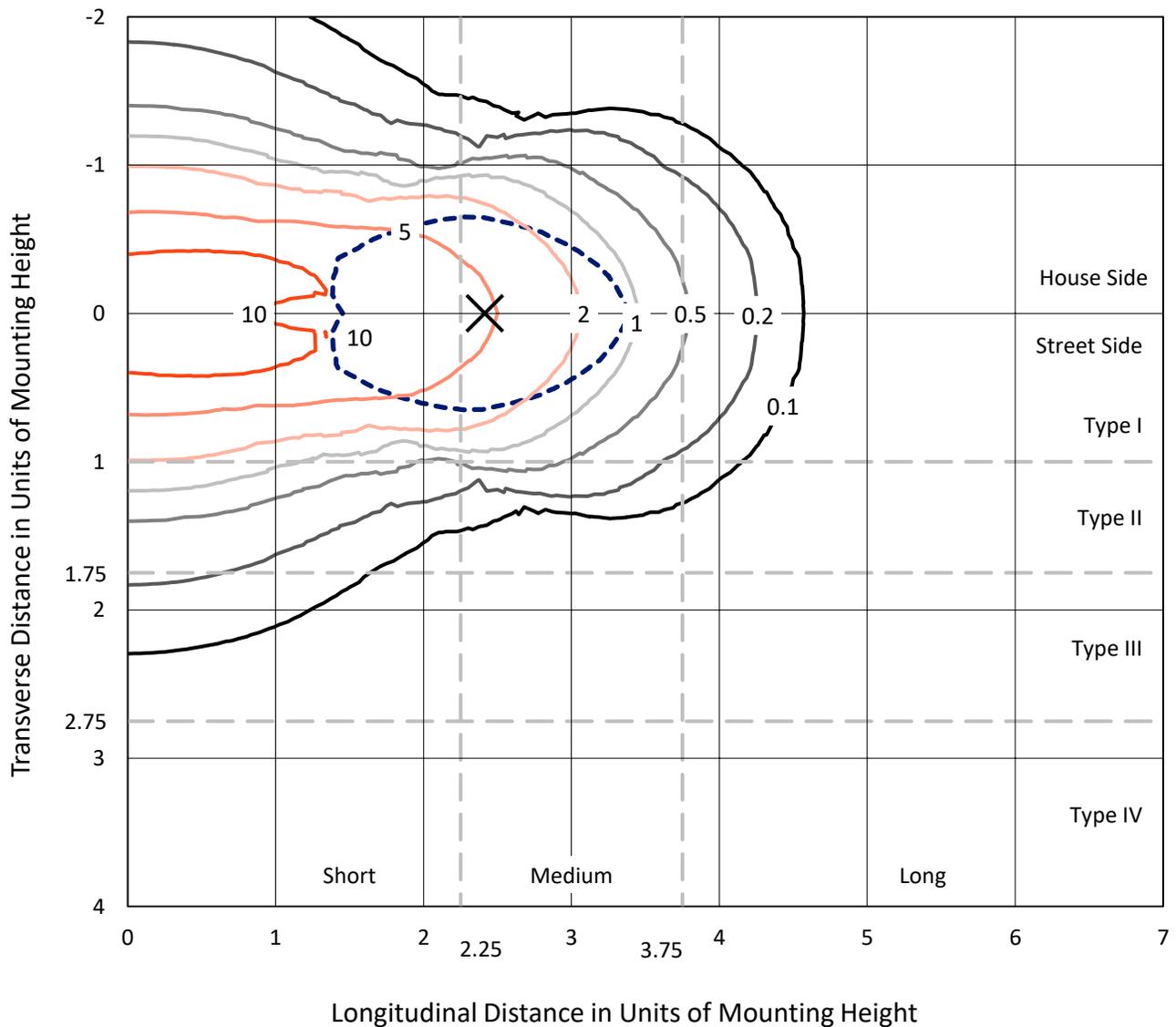


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

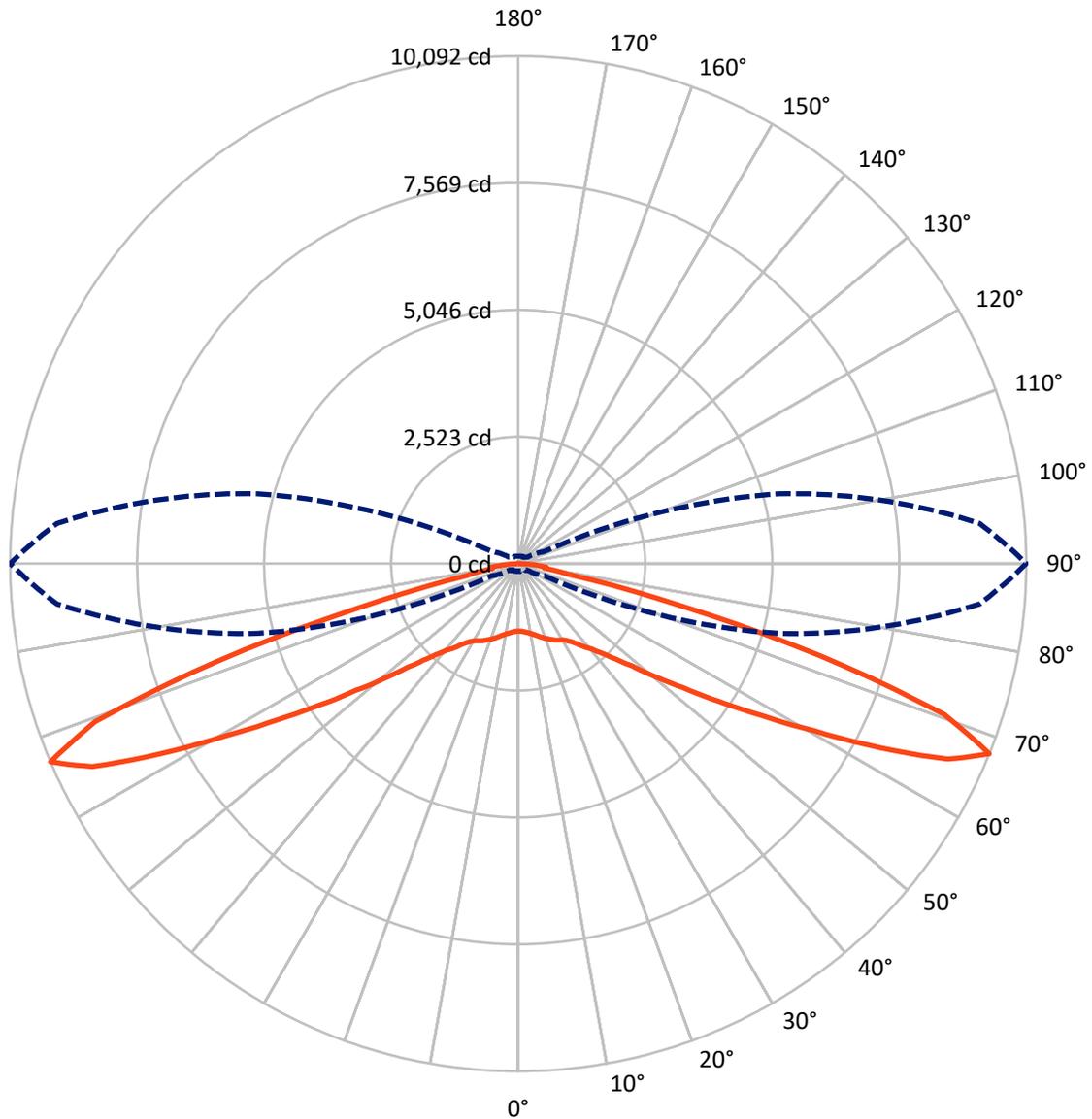


Based on 10 foot mounting height. Maximum calculated value = 14.1 fc
 Type I - Short - N/A

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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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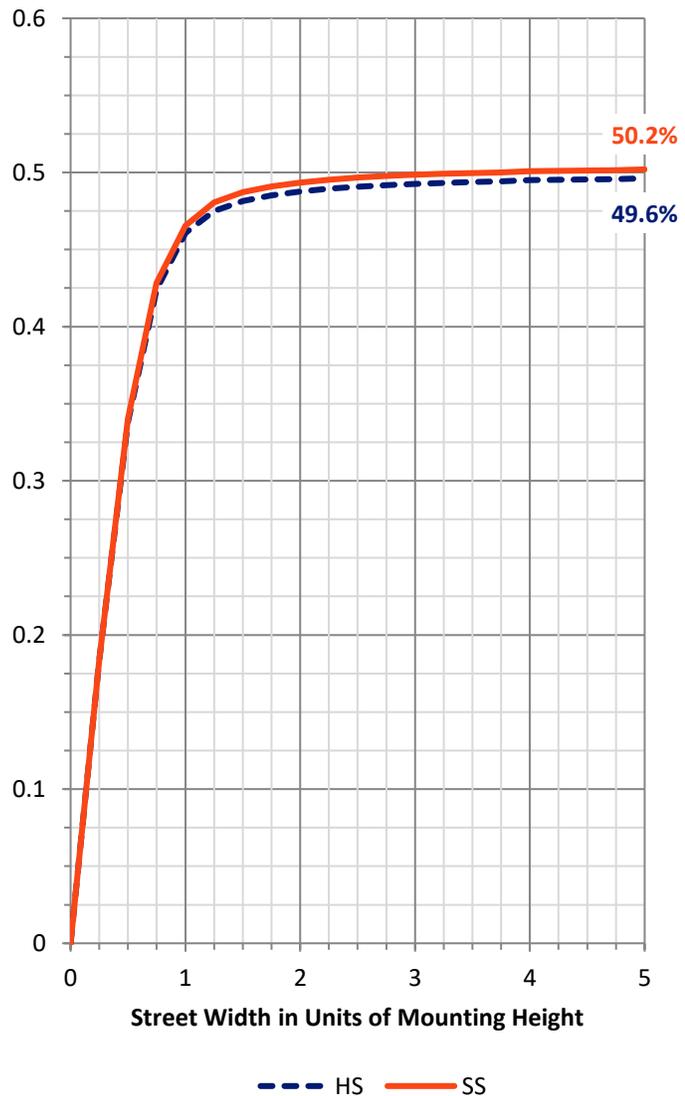
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3794.0	0.0	3794.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3794.0	0.0	3794.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7588.0	0.0	7588.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	1.8
10°-20°	428.5	5.6
20°-30°	717.2	9.5
30°-40°	971.6	12.8
40°-50°	1230.7	16.2
50°-60°	1537.5	20.3
60°-70°	1807.2	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°	7588.0	100.0
0°-180°	7588.0	100.0



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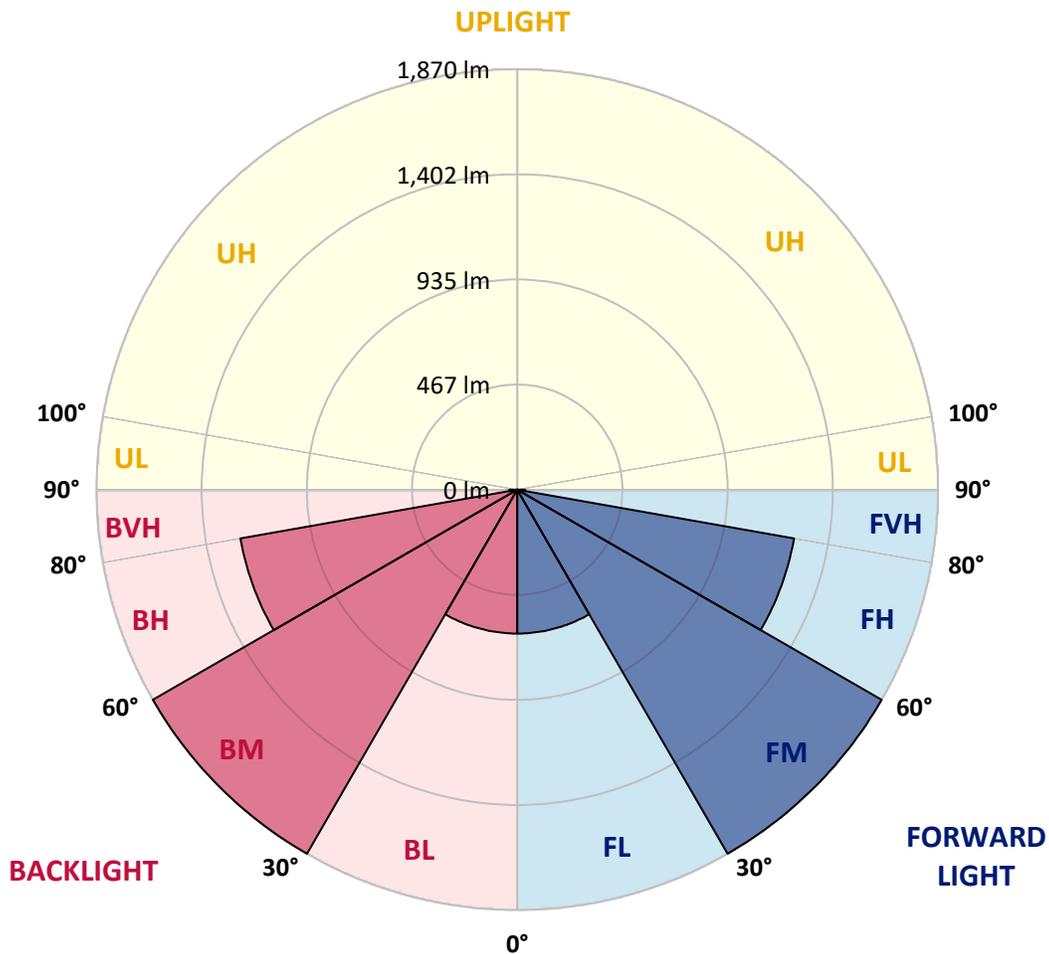
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	639.8	8.4			
FM (30°-60°)	1869.9	24.6			
FH (60°-80°)	1249.3	16.5			G1/1800
FVH (80°-90°)	35.0	0.5			G1/100
BL (0°-30°)	639.8	8.4	B2/1000		
BM (30°-60°)	1869.9	24.6	B2/2500		
BH (60°-80°)	1249.3	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°	1343.3	1343.3	1343.3	1343.3	1343.3	1343.3	1343.3	1343.3	1343.3	1343.3	1343.3
2.5°	1360.5	1359.7	1360.1	1359.7	1361.0	1360.1	1355.1	1350.9	1347.5	1347.9	1346.7
5°	1389.5	1390.0	1390.4	1388.3	1391.2	1389.5	1381.5	1374.8	1368.1	1365.6	1364.7
7.5°	1413.5	1415.6	1416.8	1418.9	1424.0	1424.0	1419.8	1410.1	1395.4	1387.0	1386.6
10°	1437.4	1439.1	1442.9	1449.6	1458.0	1466.0	1464.3	1451.3	1432.4	1418.1	1414.7
12.5°	1445.8	1447.9	1460.5	1479.9	1498.8	1514.3	1514.3	1503.8	1479.5	1457.6	1451.3
15°	1416.4	1420.2	1442.9	1484.1	1533.7	1567.7	1575.3	1560.5	1534.5	1500.9	1493.3
17.5°	1358.0	1367.3	1400.5	1461.4	1543.7	1614.3	1636.2	1629.0	1595.4	1552.6	1543.7
20°	1295.4	1305.5	1340.8	1421.5	1535.3	1641.6	1705.1	1706.8	1665.2	1603.0	1590.0
22.5°	1226.5	1234.1	1279.4	1374.0	1510.1	1647.9	1764.3	1793.3	1737.0	1653.4	1634.9
25°	1149.2	1157.6	1205.1	1307.2	1462.6	1640.8	1818.5	1882.4	1812.2	1707.2	1683.7
27.5°	1075.2	1078.6	1129.4	1233.2	1400.0	1622.3	1858.5	1964.3	1895.4	1751.7	1721.9
30°	1004.2	1012.2	1057.2	1159.7	1328.2	1586.2	1892.9	2057.6	1984.9	1798.4	1760.1
32.5°	929.0	938.7	987.4	1091.2	1256.3	1532.0	1913.9	2159.7	2109.7	1874.0	1833.2
35°	856.7	863.0	912.2	1013.1	1186.2	1468.9	1917.7	2274.8	2270.6	1988.7	1934.5
37.5°	782.8	792.0	841.6	938.3	1111.8	1402.1	1898.8	2397.1	2464.8	2148.0	2089.6
40°	711.8	719.8	768.5	866.0	1027.3	1320.6	1853.8	2508.9	2691.2	2311.8	2229.0
42.5°	634.5	636.6	689.9	789.1	944.6	1226.1	1789.1	2608.5	2943.8	2531.6	2428.6
45°	546.7	552.1	601.7	699.2	849.6	1120.2	1701.3	2690.8	3264.0	2836.2	2695.9
47.5°	458.8	463.5	508.8	605.1	745.8	998.8	1566.0	2763.1	3592.5	3223.2	3039.2
50°	373.1	375.6	412.6	497.9	629.0	871.0	1398.4	2786.2	3964.0	3771.1	3536.2
52.5°	295.0	298.7	326.9	393.7	504.2	720.2	1217.3	2729.1	4397.6	4420.7	4089.6
55°	239.1	240.3	261.4	310.5	394.1	562.2	998.8	2569.8	4864.0	5253.1	4830.8
57.5°	205.9	206.7	218.5	245.8	303.4	424.0	774.8	2268.5	5282.9	6228.3	5685.4
60°	187.0	187.4	194.1	210.1	240.3	325.2	555.1	1843.3	5696.4	7313.6	6747.7
62.5°	175.2	175.2	179.8	188.7	203.4	249.6	402.1	1329.9	5979.6	8414.9	8056.9
65°	163.9	163.9	167.2	173.5	181.5	204.2	297.1	867.2	5972.4	9217.0	9373.8
67.5°	150.8	150.8	153.4	159.7	164.3	175.6	229.4	568.1	5364.8	9199.4	10092.3
70°	135.3	135.3	138.7	144.1	147.9	155.0	181.1	388.7	3941.3	7854.8	8975.4
72.5°	119.8	120.2	122.3	127.7	130.7	134.9	150.4	272.3	2417.7	5348.5	6275.8
75°	102.5	103.4	105.5	110.9	113.4	115.1	126.9	194.1	1223.1	2883.7	3283.3
77.5°	82.8	84.5	85.7	91.6	93.3	95.8	104.6	140.3	537.0	1036.2	1045.4
80°	60.5	62.6	66.4	71.9	73.1	74.8	79.8	99.6	243.3	473.1	513.9
82.5°	44.5	47.5	42.9	50.0	50.0	47.9	56.3	66.8	111.8	468.5	560.5
85°	24.4	24.8	22.3	25.6	27.3	26.9	29.8	32.8	54.2	312.6	322.3
87.5°	5.9	6.3	6.7	8.0	9.7	9.7	10.5	9.2	17.6	101.3	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)