

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: P1208267

Luminaire Tested: UPW-SA1-060-727-U-T1

Issue Date: 11/4/2025

**Test Information**

Test Method: LM-79-2024  
Report Number: P1208267  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-5)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 2/19/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: UPW-SA1-060-727-U-T1  
Description: UNDERPASS WALL MOUNT LUMINAIRE  
(1) 70 CRI, 2700K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE I OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6345 lumens  
Efficiency: N/A  
Efficacy: 107.5 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

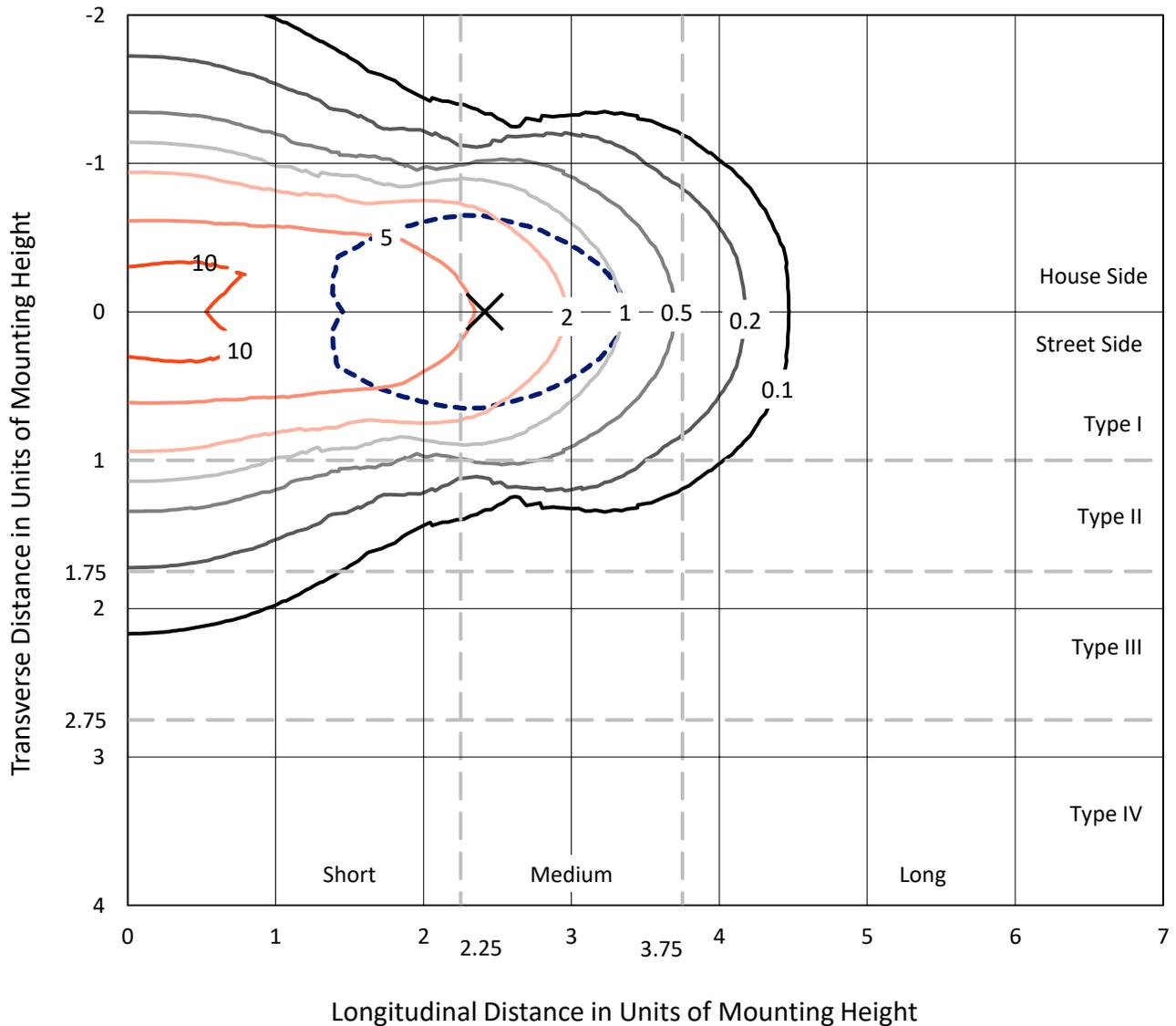


REPORT NUMBER: P1208267

CATALOG NUMBER: UPW-SA1-060-727-U-T1

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

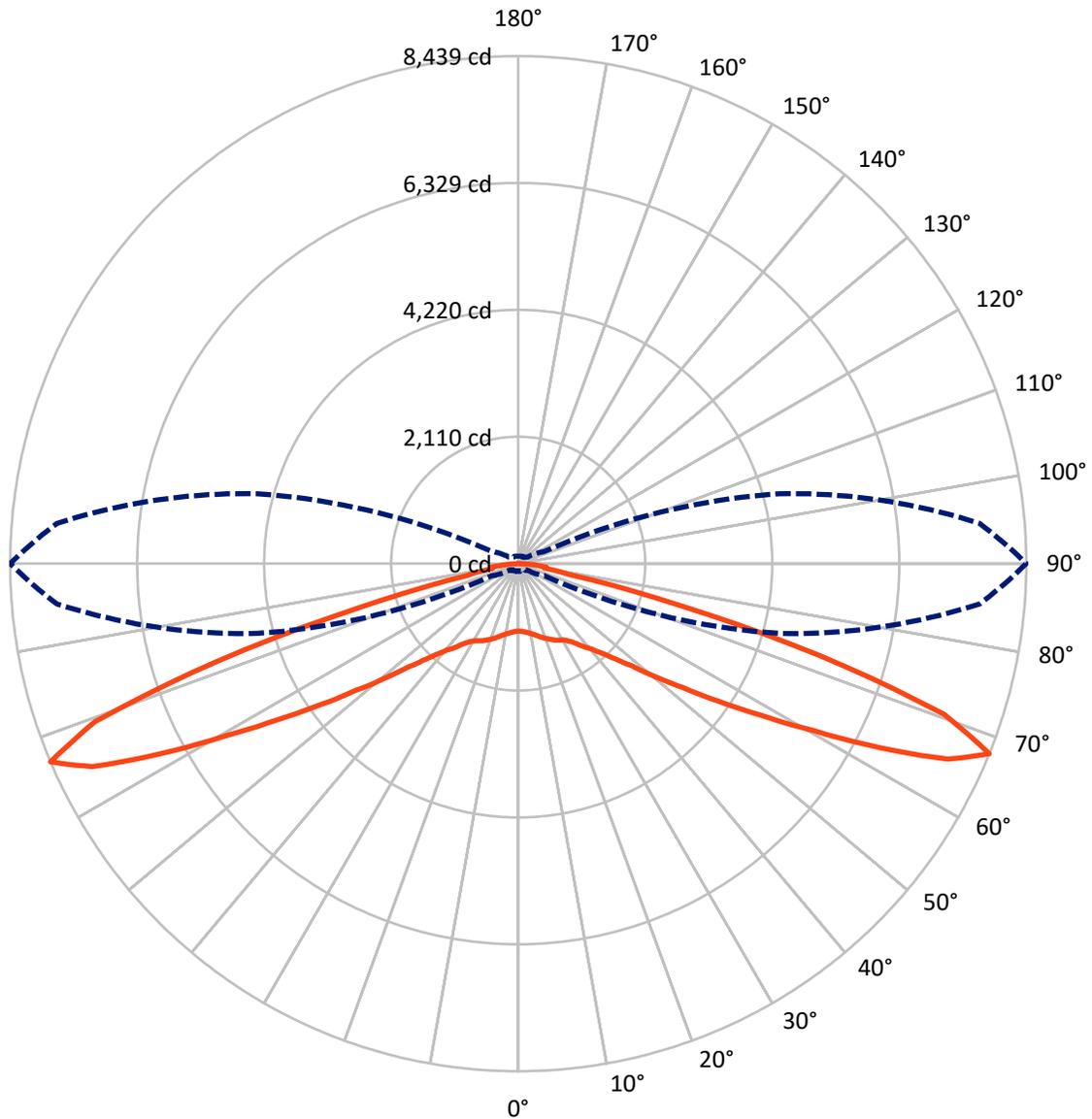


Based on 10 foot mounting height. Maximum calculated value = 11.8 fc  
 Type I - Short - N/A

REPORT NUMBER: P1208267

CATALOG NUMBER: UPW-SA1-060-727-U-T1

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1208267

CATALOG NUMBER: UPW-SA1-060-727-U-T1

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3172.5	0.0	3172.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3172.5	0.0	3172.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6345.0	0.0	6345.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	112.0	1.8
10°-20°	358.3	5.6
20°-30°	599.7	9.5
30°-40°	812.5	12.8
40°-50°	1029.1	16.2
50°-60°	1285.6	20.3
60°-70°	1511.2	23.8
70°-80°	578.1	9.1
80°-90°	58.6	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°	6345.0	100.0
0°-180°	6345.0	100.0



REPORT NUMBER: P1208267

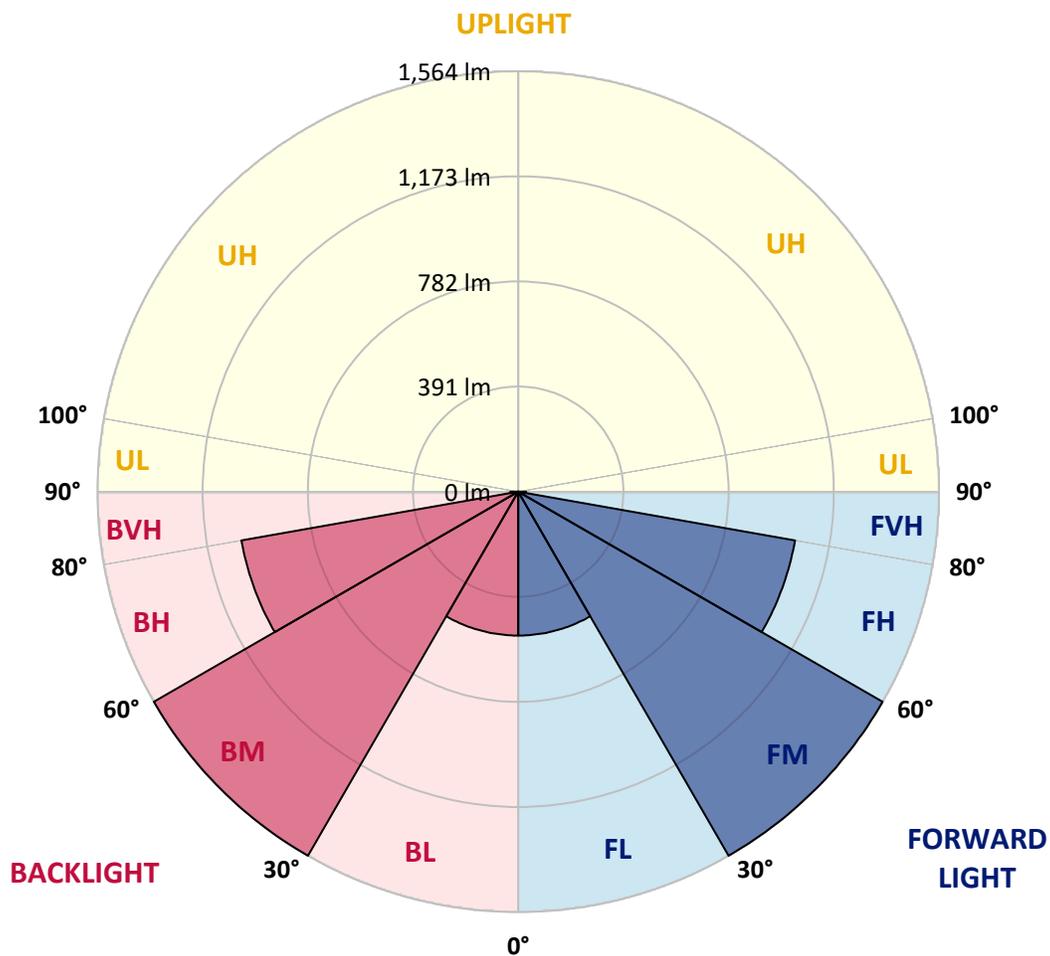
CATALOG NUMBER: UPW-SA1-060-727-U-T1

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	535.0	8.4			
FM	(30°-60°)	1563.6	24.6			
FH	(60°-80°)	1044.6	16.5			G1/1800
FVH	(80°-90°)	29.3	0.5			G1/100
BL	(0°-30°)	535.0	8.4	B2/1000		
BM	(30°-60°)	1563.6	24.6	B2/2500		
BH	(60°-80°)	1044.6	16.5	B3/2500		G3/2500
BVH	(80°-90°)	29.3	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





REPORT NUMBER: P1208267

CATALOG NUMBER: UPW-SA1-060-727-U-T1

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1123.3	1123.3	1123.3	1123.3	1123.3	1123.3	1123.3	1123.3	1123.3	1123.3	1123.3
2.5°	1137.7	1137.0	1137.3	1137.0	1138.0	1137.3	1133.1	1129.6	1126.8	1127.1	1126.1
5°	1161.9	1162.3	1162.6	1160.9	1163.3	1161.9	1155.2	1149.6	1144.0	1141.9	1141.2
7.5°	1181.9	1183.7	1184.7	1186.5	1190.7	1190.7	1187.2	1179.1	1166.8	1159.8	1159.5
10°	1202.0	1203.4	1206.5	1212.2	1219.2	1225.9	1224.5	1213.6	1197.7	1185.8	1183.0
12.5°	1209.0	1210.7	1221.3	1237.5	1253.3	1266.3	1266.3	1257.5	1237.1	1218.8	1213.6
15°	1184.4	1187.6	1206.5	1241.0	1282.4	1310.9	1317.2	1304.9	1283.1	1255.0	1248.7
17.5°	1135.6	1143.3	1171.0	1222.0	1290.9	1349.9	1368.2	1362.2	1334.1	1298.2	1290.9
20°	1083.2	1091.6	1121.2	1188.6	1283.8	1372.7	1425.8	1427.2	1392.4	1340.4	1329.5
22.5°	1025.6	1031.9	1069.9	1148.9	1262.7	1378.0	1475.3	1499.6	1452.5	1382.6	1367.1
25°	960.9	968.0	1007.7	1093.0	1223.0	1372.0	1520.6	1574.0	1515.4	1427.5	1407.9
27.5°	899.1	901.9	944.4	1031.2	1170.7	1356.6	1554.0	1642.6	1584.9	1464.8	1439.8
30°	839.7	846.4	884.0	969.7	1110.6	1326.3	1582.8	1720.6	1659.8	1503.8	1471.8
32.5°	776.8	784.9	825.7	912.5	1050.5	1281.0	1600.4	1805.9	1764.1	1567.0	1532.9
35°	716.4	721.7	762.8	847.1	991.9	1228.3	1603.6	1902.2	1898.7	1662.9	1617.6
37.5°	654.6	662.3	703.8	784.6	929.7	1172.5	1587.7	2004.4	2061.0	1796.1	1747.3
40°	595.2	601.9	642.6	724.1	859.0	1104.3	1550.2	2097.9	2250.4	1933.1	1863.9
42.5°	530.5	532.3	576.9	659.8	789.8	1025.2	1496.0	2181.2	2461.6	2116.9	2030.8
45°	457.1	461.7	503.1	584.6	710.4	936.7	1422.6	2250.0	2729.3	2371.6	2254.3
47.5°	383.7	387.5	425.5	505.9	623.6	835.2	1309.5	2310.5	3004.0	2695.2	2541.3
50°	312.0	314.1	345.0	416.3	526.0	728.3	1169.3	2329.8	3314.6	3153.4	2957.0
52.5°	246.6	249.8	273.3	329.2	421.6	602.2	1017.9	2282.0	3677.2	3696.5	3419.7
55°	199.9	201.0	218.5	259.6	329.6	470.1	835.2	2148.9	4067.2	4392.6	4039.5
57.5°	172.2	172.9	182.7	205.5	253.7	354.5	647.9	1896.9	4417.5	5208.0	4754.1
60°	156.4	156.7	162.3	175.7	201.0	271.9	464.1	1541.4	4763.2	6115.6	5642.3
62.5°	146.5	146.5	150.4	157.8	170.1	208.7	336.2	1112.0	5000.0	7036.5	6737.1
65°	137.0	137.0	139.8	145.1	151.8	170.8	248.4	725.2	4994.1	7707.2	7838.2
67.5°	126.1	126.1	128.2	133.5	137.4	146.9	191.8	475.0	4486.0	7692.4	8439.1
70°	113.1	113.1	115.9	120.5	123.7	129.6	151.4	325.0	3295.7	6568.1	7505.2
72.5°	100.1	100.5	102.2	106.8	109.3	112.8	125.8	227.7	2021.7	4472.3	5247.7
75°	85.7	86.4	88.2	92.8	94.9	96.3	106.1	162.3	1022.8	2411.3	2745.4
77.5°	69.2	70.6	71.7	76.6	78.0	80.1	87.5	117.4	449.0	866.4	874.2
80°	50.6	52.4	55.5	60.1	61.1	62.5	66.8	83.3	203.4	395.6	429.7
82.5°	37.2	39.7	35.8	41.8	41.8	40.1	47.1	55.9	93.5	391.8	468.7
85°	20.4	20.7	18.6	21.4	22.8	22.5	24.9	27.4	45.3	261.4	269.5
87.5°	4.9	5.3	5.6	6.7	8.1	8.1	8.8	7.7	14.8	84.7	48.5
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)