

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1314501

Luminaire Tested: LDSQA3D09R359730DE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314501
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R359730DE010 3LSQPHR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

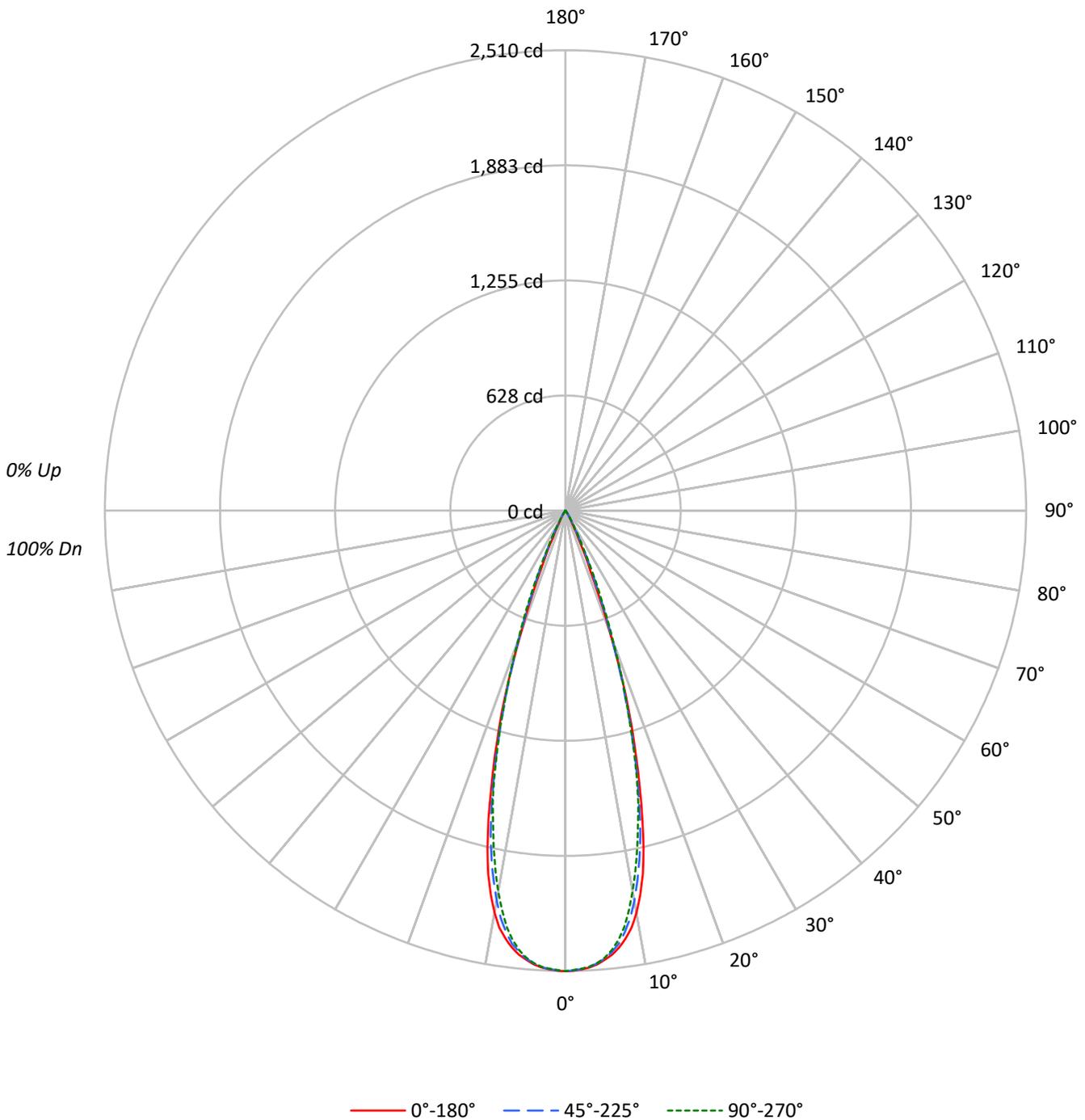
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 762.0 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	432365	432365	432365
5°	424940	424041	423125
10°	389457	377740	368558
15°	278876	269979	266698
20°	129319	133773	138465
25°	30689	43649	45530
30°	9009	10321	11614
35°	2060	3322	3028
40°	450	877	585
45°	170	170	170
50°	188	0	188
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 52.5°
 Luminance: 198 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.4	29.6
10°-20°	402.9	52.9
20°-30°	121.2	15.9
30°-40°	11.6	1.5
40°-50°	0.8	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°-30°	749.6	98.4
0°-40°	761.2	99.9
0°-60°	762.0	100.0
0°-90°	762.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	762.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2510	2510	2510	2510	2510	
5°	2458	2457	2453	2450	2448	228
15°	1564	1552	1514	1508	1496	413
25°	162	178	230	240	240	104
35°	10	13	16	17	14	9
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2510.5	2510.5	2510.5	2510.5	2510.5
1°	2509.2	2509.2	2507.9	2507.9	2505.3
2°	2503.3	2504.0	2501.3	2500.7	2498.7
3°	2494.1	2492.1	2492.1	2490.8	2489.5
4°	2479.7	2475.7	2474.4	2475.1	2472.5
5°	2458.0	2457.4	2452.8	2449.5	2447.5
6°	2434.4	2429.8	2420.0	2411.4	2409.4
7°	2398.9	2389.1	2380.6	2362.8	2360.2
8°	2355.6	2339.9	2321.5	2296.6	2295.2
9°	2302.5	2276.9	2251.3	2217.8	2206.0
10°	2227.0	2203.4	2160.0	2130.5	2107.5
11°	2133.1	2103.6	2053.1	2017.6	1998.6
12°	2026.8	1999.2	1940.2	1908.0	1881.1
13°	1890.3	1867.3	1812.2	1776.7	1755.7
14°	1732.1	1715.0	1662.5	1646.8	1639.6
15°	1564.1	1552.3	1514.2	1507.6	1495.8
17.5°	1151.2	1131.5	1109.9	1113.8	1117.8
20°	705.6	733.1	729.9	744.3	755.5
22.5°	351.8	387.2	428.6	453.5	466.0
25°	161.5	177.9	229.7	239.6	239.6
27.5°	81.4	85.3	108.3	110.3	115.5
30°	45.3	48.6	51.9	57.8	58.4
32.5°	23.0	26.9	28.2	31.5	30.2
35°	9.8	13.1	15.8	17.1	14.4
37.5°	4.6	5.9	8.5	7.9	5.9
40°	2.0	2.6	3.9	3.3	2.6
42.5°	1.3	1.3	2.0	1.3	1.3
45°	0.7	0.7	0.7	0.7	0.7
47.5°	0.7	0.7	0.0	0.7	0.7
50°	0.7	0.0	0.0	0.0	0.7
52.5°	0.7	0.0	0.0	0.0	0.7
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)