

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: P1313696

Luminaire Tested: LDSQA3D13R359727DE010 3LSQPHR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313696
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: LDSQA3D13R359727DE010 3LSQPHR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , 3LSQPHR1MMS TRIM
Light Source: -
Ballast/Driver: -

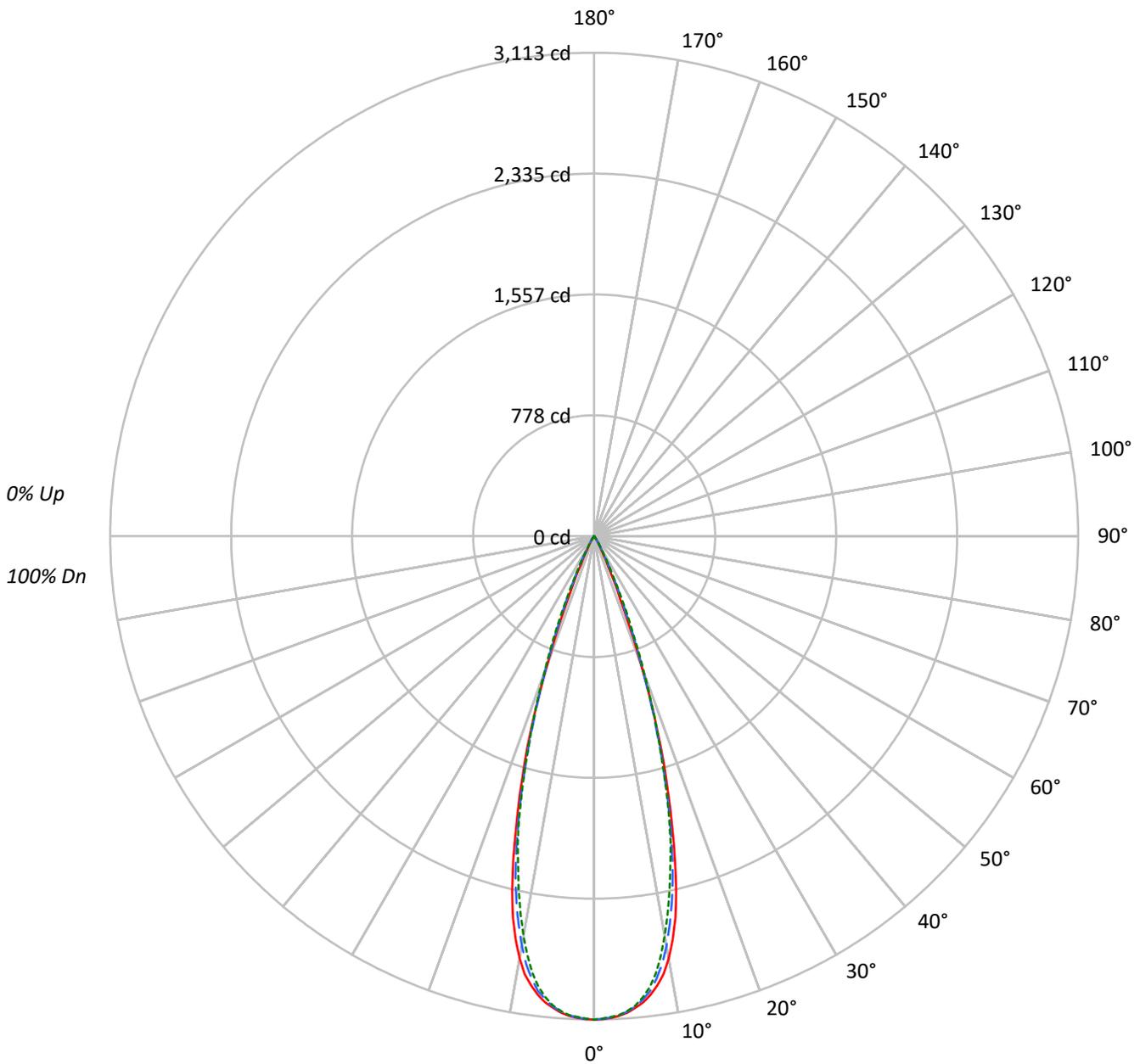
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 945.0 lumens
Efficiency: N/A
Efficacy: 64.7 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): 14.6
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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Luminous Intensity Polar Plot



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									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	50	30	10	50	30	10	50	30	10	0																
RCR																																														
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	96	95	94	93	92	91	90	89	88	87															
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84															
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81															
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78															
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75															
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72															
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69															
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67															
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64															
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62															
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60															

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	536198	536198	536198
5°	526992	525868	524744
10°	482982	468467	457082
15°	345845	334808	330743
20°	160366	165883	171711
25°	38043	54139	56457
30°	11176	12787	14398
35°	2565	4100	3763
40°	540	1102	742
45°	195	195	195
50°	214	0	214
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: 226 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.5	29.6
10°-20°	499.7	52.9
20°-30°	150.3	15.9
30°-40°	14.4	1.5
40°-50°	1.0	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°	929.6	98.4
0°-40°	943.9	99.9
0°-60°	945.0	100.0
0°-90°	945.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	945.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3113	3113	3113	3113	3113	
5°	3048	3048	3042	3038	3035	283
15°	1940	1925	1878	1870	1855	512
25°	200	221	285	297	297	129
35°	12	16	20	21	18	11
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°	3113.4	3113.4	3113.4	3113.4	3113.4
1°	3111.8	3111.8	3110.2	3110.2	3106.9
2°	3104.5	3105.3	3102.1	3101.2	3098.8
3°	3093.1	3090.7	3090.7	3089.0	3087.4
4°	3075.2	3070.3	3068.7	3069.5	3066.2
5°	3048.3	3047.5	3041.8	3037.7	3035.3
6°	3019.0	3013.3	3001.1	2990.5	2988.1
7°	2975.1	2962.9	2952.3	2930.3	2927.0
8°	2921.4	2901.8	2879.0	2848.1	2846.5
9°	2855.4	2823.7	2791.9	2750.4	2735.8
10°	2761.8	2732.5	2678.8	2642.2	2613.7
11°	2645.4	2608.8	2546.1	2502.2	2478.5
12°	2513.5	2479.4	2406.1	2366.2	2332.8
13°	2344.2	2315.8	2247.4	2203.4	2177.4
14°	2148.1	2126.9	2061.8	2042.3	2033.3
15°	1939.7	1925.0	1877.8	1869.7	1855.0
17.5°	1427.7	1403.3	1376.4	1381.3	1386.2
20°	875.0	909.2	905.1	923.0	936.9
22.5°	436.3	480.2	531.5	562.5	577.9
25°	200.2	220.6	284.9	297.1	297.1
27.5°	100.9	105.8	134.3	136.7	143.3
30°	56.2	60.2	64.3	71.6	72.4
32.5°	28.5	33.4	35.0	39.1	37.4
35°	12.2	16.3	19.5	21.2	17.9
37.5°	5.7	7.3	10.6	9.8	7.3
40°	2.4	3.3	4.9	4.1	3.3
42.5°	1.6	1.6	2.4	1.6	1.6
45°	0.8	0.8	0.8	0.8	0.8
47.5°	0.8	0.8	0.0	0.8	0.8
50°	0.8	0.0	0.0	0.0	0.8
52.5°	0.8	0.0	0.0	0.0	0.8
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)