

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: P1315638

Luminaire Tested: LDSQA3D13R359735DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315638
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R359735DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

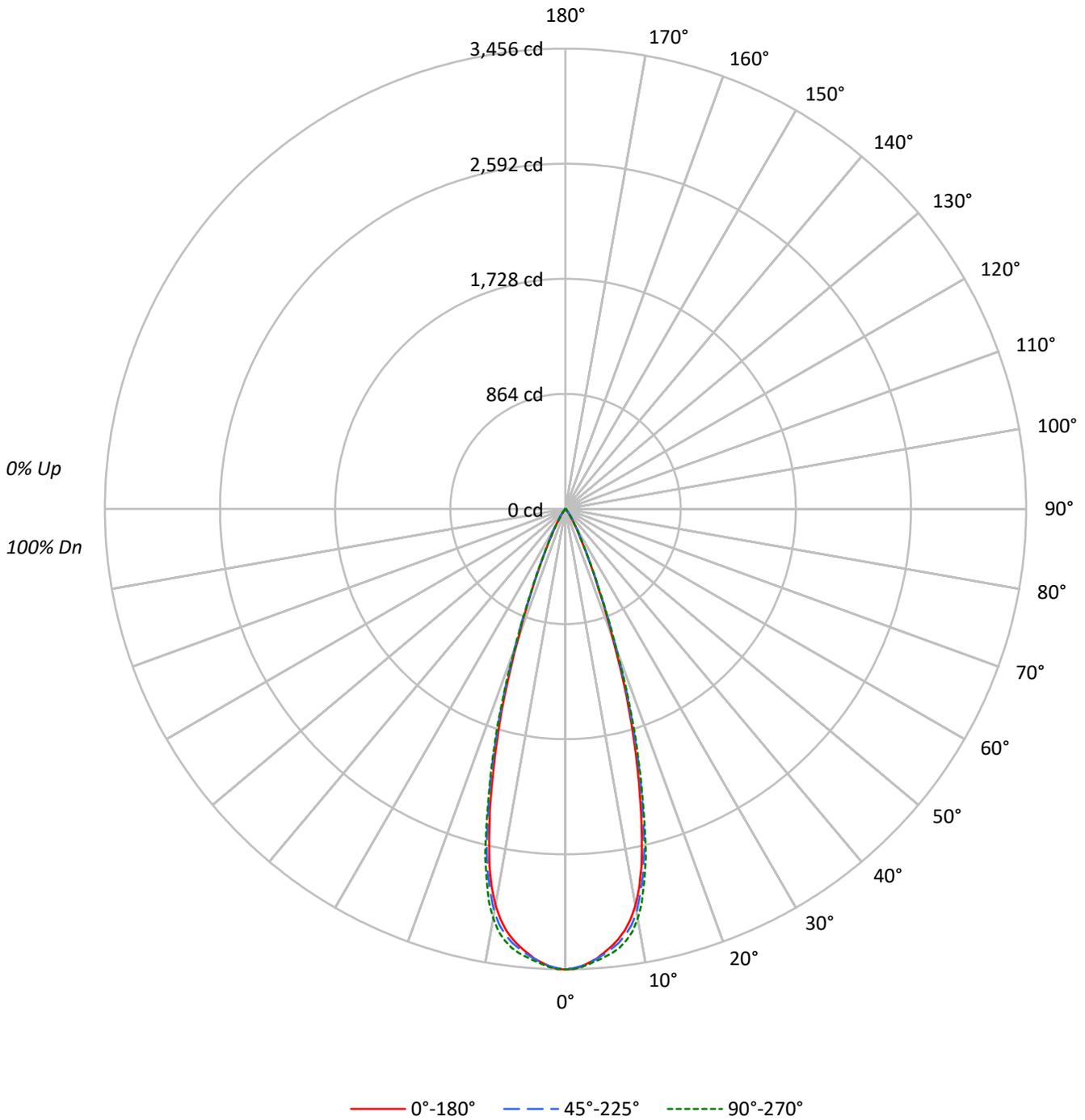
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1161.0 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
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 (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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	595253	595253	595253
5°	577646	579668	583593
10°	528381	537579	545816
15°	379276	393183	397212
20°	190790	201915	202409
25°	72305	74547	74890
30°	29372	33688	28836
35°	10659	16189	10281
40°	4474	6924	4272
45°	1096	2874	1096
50°	723	1206	723
55°	811	811	811
60°	930	930	930
65°	734	734	734
70°	453	453	453
75°	599	599	599
80°	893	893	893
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2874 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	312.5	26.9
10°-20°	582.2	50.1
20°-30°	209.4	18.0
30°-40°	44.0	3.8
40°-50°	7.6	0.7
50°-60°	2.5	0.2
60°-70°	1.8	0.2
70°-80°	1.0	0.1
80°-90°	0.2	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°	1104.1	95.1
0°-40°	1148.0	98.9
0°-60°	1158.1	99.8
0°-90°	1161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1161.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3456	3456	3456	3456	3456	
5°	3341	3348	3353	3376	3376	310
15°	2127	2164	2205	2229	2228	566
25°	380	386	392	396	394	202
35°	51	60	77	59	49	39
45°	4	7	12	7	4	5
55°	3	3	3	3	3	2
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
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°	3456.3	3456.3	3456.3	3456.3	3456.3
1°	3454.5	3454.5	3447.3	3455.4	3452.7
2°	3435.5	3437.3	3432.8	3442.7	3441.8
3°	3409.2	3413.7	3410.1	3424.6	3420.1
4°	3381.1	3384.7	3382.9	3401.0	3399.2
5°	3341.3	3347.6	3353.0	3375.7	3375.7
6°	3300.5	3306.8	3318.6	3343.1	3351.2
7°	3253.4	3261.5	3280.6	3313.2	3318.6
8°	3193.6	3202.6	3228.9	3264.2	3271.5
9°	3119.3	3132.9	3162.8	3205.4	3209.9
10°	3021.4	3032.3	3074.0	3109.3	3121.1
11°	2894.6	2903.7	2940.8	2997.9	3005.1
12°	2740.6	2751.5	2799.5	2836.6	2843.9
13°	2545.8	2566.6	2624.6	2660.9	2680.8
14°	2345.6	2373.7	2415.3	2467.0	2454.3
15°	2127.2	2164.4	2205.2	2228.7	2227.8
17.5°	1591.8	1613.5	1649.8	1663.4	1681.5
20°	1041.0	1069.1	1101.7	1114.4	1104.4
22.5°	646.0	653.2	663.2	668.6	666.8
25°	380.5	385.9	392.3	395.9	394.1
27.5°	229.2	241.9	251.0	240.1	233.7
30°	147.7	153.1	169.4	154.9	145.0
32.5°	87.9	100.6	114.2	96.9	84.3
35°	50.7	59.8	77.0	58.9	48.9
37.5°	32.6	37.1	49.8	36.2	31.7
40°	19.9	25.4	30.8	23.6	19.0
42.5°	10.0	15.4	18.1	13.6	10.0
45°	4.5	7.2	11.8	7.2	4.5
47.5°	2.7	3.6	7.2	3.6	2.7
50°	2.7	2.7	4.5	2.7	2.7
52.5°	2.7	2.7	2.7	2.7	2.7
55°	2.7	2.7	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	2.7	2.7
60°	2.7	2.7	2.7	2.7	2.7
62.5°	1.8	1.8	1.8	1.8	1.8
65°	1.8	1.8	1.8	1.8	1.8
67.5°	1.8	1.8	1.8	1.8	1.8
70°	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	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)