

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: P1309262

Luminaire Tested: LDSQA3D13R359030DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309262
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R359030DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

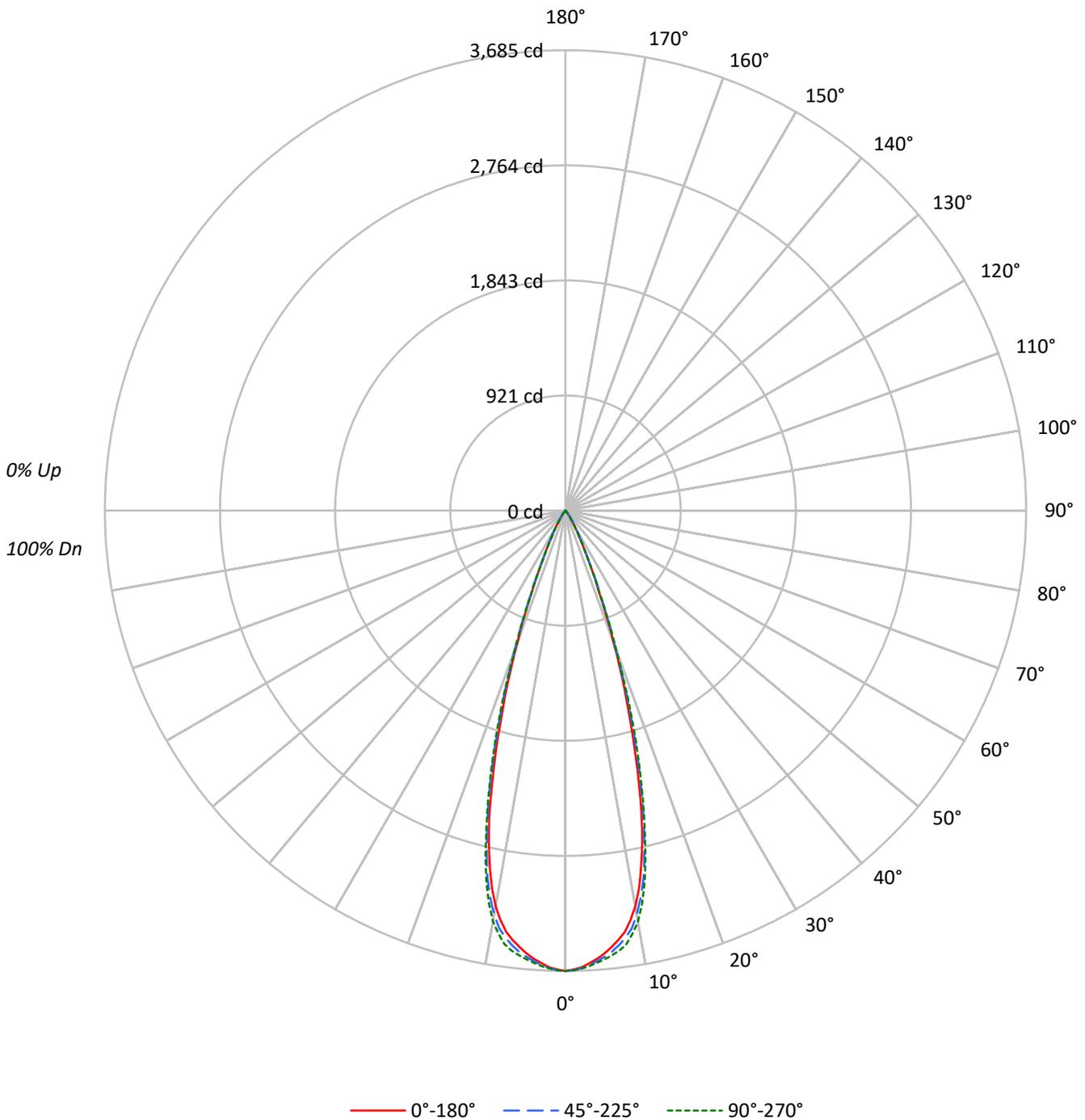
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1227.0 lumens
Efficiency: N/A
Efficacy: 84.0 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 (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





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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	634675	634675	634675
5°	615420	619794	623148
10°	562377	574269	584132
15°	404433	422103	425562
20°	205892	216228	216760
25°	78120	79773	77569
30°	30347	35179	29571
35°	10428	16336	9797
40°	3485	6340	3282
45°	244	2119	244
50°	0	268	0
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: 45°
 Vertical Angle: 45°
 Luminance: 2119 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	333.6	27.2
10°-20°	621.5	50.7
20°-30°	223.4	18.2
30°-40°	43.6	3.6
40°-50°	4.9	0.4
50°-60°	0.0	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°	1178.5	96.0
0°-40°	1222.1	99.6
0°-60°	1227.0	100.0
0°-90°	1227.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1227.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3685	3685	3685	3685	3685	
5°	3560	3570	3585	3602	3604	330
15°	2268	2306	2367	2384	2387	603
25°	411	415	420	417	408	216
35°	50	56	78	57	47	37
45°	1	3	9	3	1	3
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°	3685.2	3685.2	3685.2	3685.2	3685.2
1°	3674.5	3679.4	3680.3	3687.2	3679.4
2°	3659.0	3661.9	3665.8	3671.6	3667.7
3°	3628.8	3634.7	3643.4	3651.2	3651.2
4°	3596.8	3604.5	3615.2	3628.8	3627.9
5°	3559.8	3569.6	3585.1	3601.6	3604.5
6°	3513.2	3524.9	3550.1	3573.4	3577.3
7°	3463.6	3481.1	3505.4	3539.4	3548.2
8°	3405.3	3418.9	3453.9	3493.8	3503.5
9°	3319.8	3340.2	3384.9	3421.8	3427.7
10°	3215.8	3230.4	3283.8	3322.7	3340.2
11°	3081.7	3103.1	3155.6	3195.4	3207.1
12°	2910.7	2941.8	3003.0	3032.1	3041.9
13°	2726.0	2752.2	2799.9	2835.8	2843.6
14°	2518.0	2543.3	2592.9	2622.0	2615.2
15°	2268.3	2306.2	2367.4	2383.9	2386.8
17.5°	1675.4	1699.7	1754.2	1780.4	1798.9
20°	1123.4	1146.8	1179.8	1197.3	1182.7
22.5°	683.2	702.6	720.1	719.2	714.3
25°	411.1	415.0	419.8	416.9	408.2
27.5°	240.0	250.7	265.3	255.6	241.0
30°	152.6	161.3	176.9	160.4	148.7
32.5°	80.7	102.0	118.6	96.2	84.5
35°	49.6	56.4	77.7	57.3	46.6
37.5°	30.1	35.0	48.6	34.0	27.2
40°	15.5	22.4	28.2	20.4	14.6
42.5°	4.9	10.7	15.5	9.7	4.9
45°	1.0	2.9	8.7	2.9	1.0
47.5°	0.0	0.0	3.9	1.0	0.0
50°	0.0	0.0	1.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
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)