

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: P1323920

Luminaire Tested: LDSQA3D13R359030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323920
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: LDSQA3D13R359030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

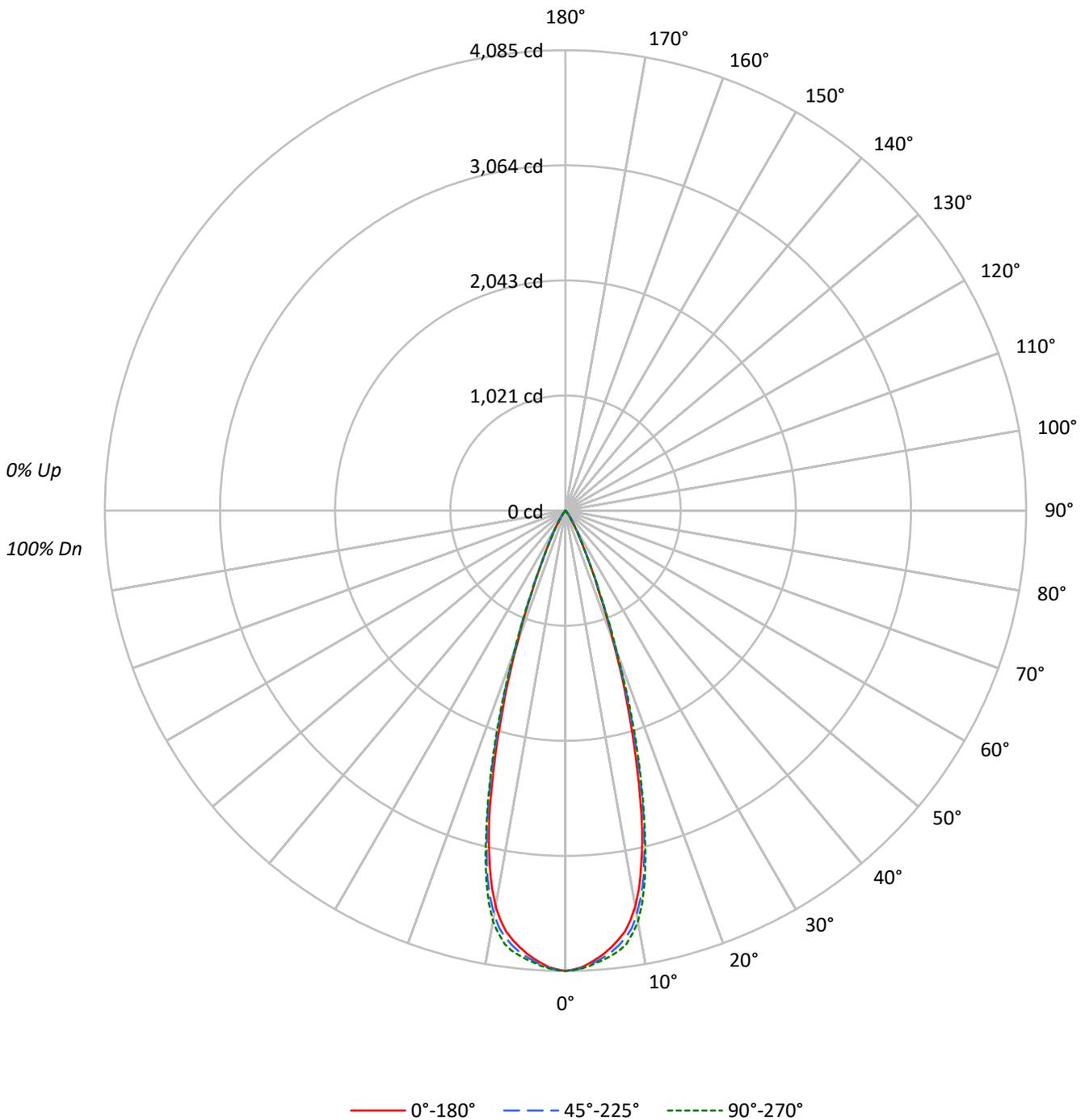
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1360.0 lumens
Efficiency: N/A
Efficacy: 67.7 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): 20.1
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°	703478	703478	703478
5°	682135	686975	690709
10°	623340	636526	647456
15°	448259	467854	471705
20°	228215	239669	240256
25°	86576	88419	85968
30°	33628	38978	32773
35°	11542	18123	10870
40°	3867	7014	3642
45°	268	2363	268
50°	0	295	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: 2363 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	369.8	27.2
10°-20°	688.9	50.7
20°-30°	247.6	18.2
30°-40°	48.3	3.6
40°-50°	5.4	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°	1306.3	96.0
0°-40°	1354.6	99.6
0°-60°	1360.0	100.0
0°-90°	1360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1360.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4085	4085	4085	4085	4085	
5°	3946	3956	3974	3992	3995	365
15°	2514	2556	2624	2642	2646	668
25°	456	460	465	462	452	239
35°	55	62	86	64	52	41
45°	1	3	10	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°	4084.7	4084.7	4084.7	4084.7	4084.7
1°	4072.8	4078.2	4079.3	4086.8	4078.2
2°	4055.6	4058.8	4063.1	4069.6	4065.3
3°	4022.2	4028.7	4038.3	4047.0	4047.0
4°	3986.6	3995.3	4007.1	4022.2	4021.1
5°	3945.7	3956.5	3973.7	3992.0	3995.3
6°	3894.0	3906.9	3934.9	3960.8	3965.1
7°	3839.1	3858.5	3885.4	3923.1	3932.8
8°	3774.4	3789.5	3828.3	3872.5	3883.2
9°	3679.6	3702.3	3751.8	3792.7	3799.2
10°	3564.4	3580.5	3639.8	3682.9	3702.3
11°	3415.7	3439.4	3497.6	3541.8	3554.7
12°	3226.2	3260.6	3328.5	3360.8	3371.6
13°	3021.5	3050.6	3103.4	3143.2	3151.8
14°	2791.0	2819.0	2873.9	2906.2	2898.7
15°	2514.1	2556.1	2624.0	2642.3	2645.6
17.5°	1857.1	1884.0	1944.3	1973.4	1993.9
20°	1245.2	1271.1	1307.7	1327.1	1310.9
22.5°	757.3	778.8	798.2	797.1	791.7
25°	455.6	460.0	465.3	462.1	452.4
27.5°	266.1	277.9	294.1	283.3	267.1
30°	169.1	178.8	196.0	177.7	164.8
32.5°	89.4	113.1	131.4	106.6	93.7
35°	54.9	62.5	86.2	63.6	51.7
37.5°	33.4	38.8	53.9	37.7	30.2
40°	17.2	24.8	31.2	22.6	16.2
42.5°	5.4	11.8	17.2	10.8	5.4
45°	1.1	3.2	9.7	3.2	1.1
47.5°	0.0	0.0	4.3	1.1	0.0
50°	0.0	0.0	1.1	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)