

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: P1310381

Luminaire Tested: LDSQA3D13R359035DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310381
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: LDSQA3D13R359035DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

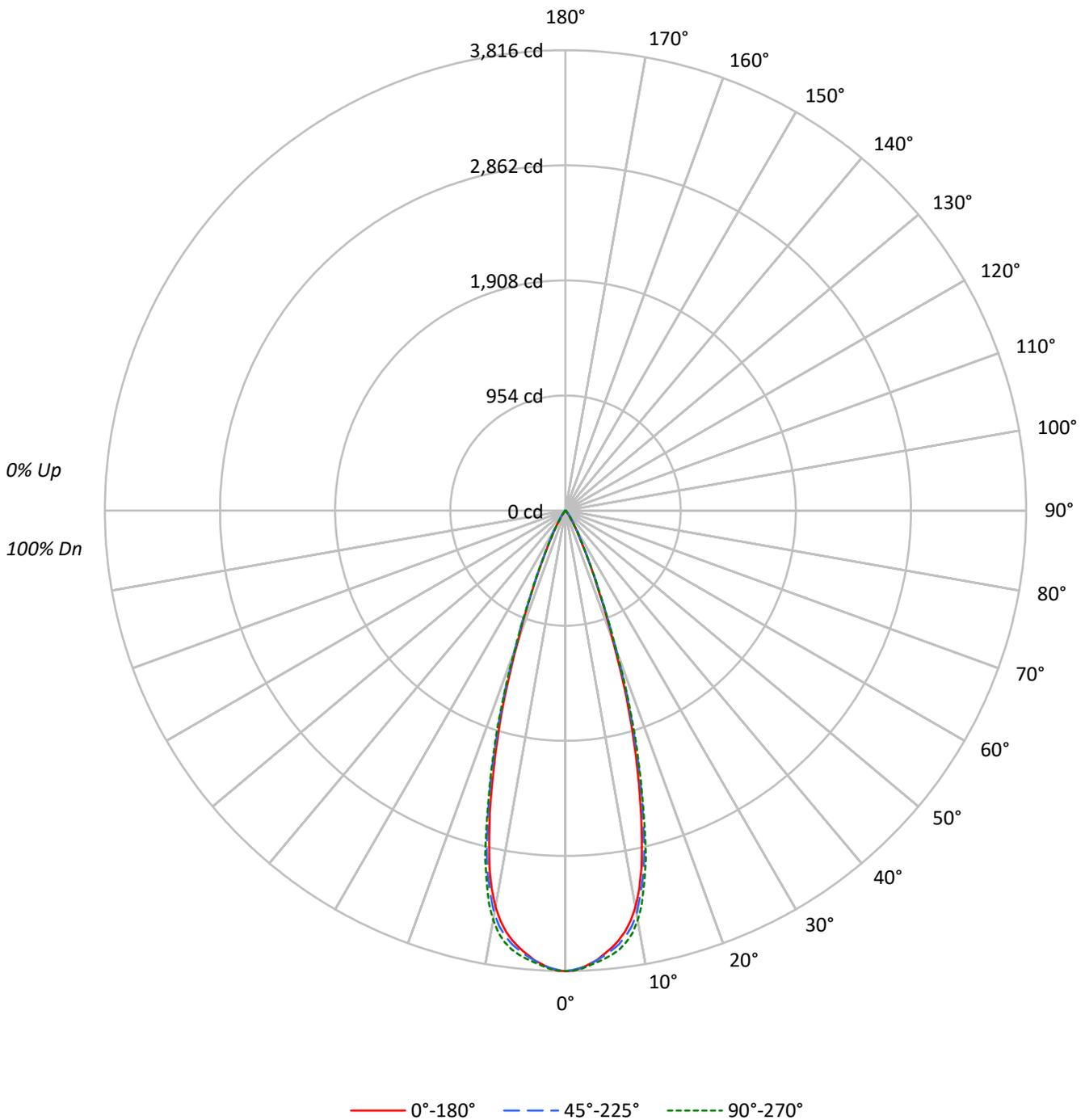
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1282.0 lumens
Efficiency: N/A
Efficacy: 87.8 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°	657288	657288	657288
5°	637843	640090	644412
10°	583450	593611	602705
15°	418804	434156	438613
20°	210675	222955	223504
25°	79849	82320	82700
30°	32435	37208	31838
35°	11774	17871	11353
40°	4946	7644	4721
45°	1218	3166	1218
50°	804	1340	804
55°	901	901	901
60°	1033	1033	1033
65°	815	815	815
70°	504	504	504
75°	665	665	665
80°	992	992	992
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3166 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	345.1	26.9
10°-20°	642.8	50.1
20°-30°	231.2	18.0
30°-40°	48.6	3.8
40°-50°	8.4	0.7
50°-60°	2.7	0.2
60°-70°	2.0	0.2
70°-80°	1.1	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°	1219.1	95.1
0°-40°	1267.7	98.9
0°-60°	1278.8	99.7
0°-90°	1282.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1282.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3816	3816	3816	3816	3816	
5°	3690	3696	3702	3728	3728	342
15°	2349	2390	2435	2461	2460	625
25°	420	426	433	437	435	223
35°	56	66	85	65	54	43
45°	5	8	13	8	5	6
55°	3	3	3	3	3	3
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°	3816.5	3816.5	3816.5	3816.5	3816.5
1°	3814.5	3814.5	3806.5	3815.5	3812.5
2°	3793.5	3795.5	3790.5	3801.5	3800.5
3°	3764.5	3769.5	3765.5	3781.5	3776.5
4°	3733.5	3737.5	3735.5	3755.5	3753.5
5°	3689.5	3696.5	3702.5	3727.5	3727.5
6°	3644.5	3651.5	3664.5	3691.5	3700.5
7°	3592.4	3601.4	3622.5	3658.5	3664.5
8°	3526.4	3536.4	3565.4	3604.4	3612.4
9°	3444.4	3459.4	3492.4	3539.4	3544.4
10°	3336.3	3348.3	3394.4	3433.4	3446.4
11°	3196.3	3206.3	3247.3	3310.3	3318.3
12°	3026.2	3038.2	3091.2	3132.3	3140.3
13°	2811.1	2834.1	2898.2	2938.2	2960.2
14°	2590.0	2621.1	2667.1	2724.1	2710.1
15°	2348.9	2390.0	2435.0	2461.0	2460.0
17.5°	1757.7	1781.7	1821.7	1836.7	1856.7
20°	1149.5	1180.5	1216.5	1230.5	1219.5
22.5°	713.3	721.3	732.3	738.3	736.3
25°	420.2	426.2	433.2	437.2	435.2
27.5°	253.1	267.1	277.1	265.1	258.1
30°	163.1	169.1	187.1	171.1	160.1
32.5°	97.0	111.0	126.1	107.0	93.0
35°	56.0	66.0	85.0	65.0	54.0
37.5°	36.0	41.0	55.0	40.0	35.0
40°	22.0	28.0	34.0	26.0	21.0
42.5°	11.0	17.0	20.0	15.0	11.0
45°	5.0	8.0	13.0	8.0	5.0
47.5°	3.0	4.0	8.0	4.0	3.0
50°	3.0	3.0	5.0	3.0	3.0
52.5°	3.0	3.0	3.0	3.0	3.0
55°	3.0	3.0	3.0	3.0	3.0
57.5°	3.0	3.0	3.0	3.0	3.0
60°	3.0	3.0	3.0	3.0	3.0
62.5°	2.0	2.0	2.0	2.0	2.0
65°	2.0	2.0	2.0	2.0	2.0
67.5°	2.0	2.0	2.0	2.0	2.0
70°	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	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)