

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: P1324093

Luminaire Tested: LDSQA3D17R459030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324093
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R459030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

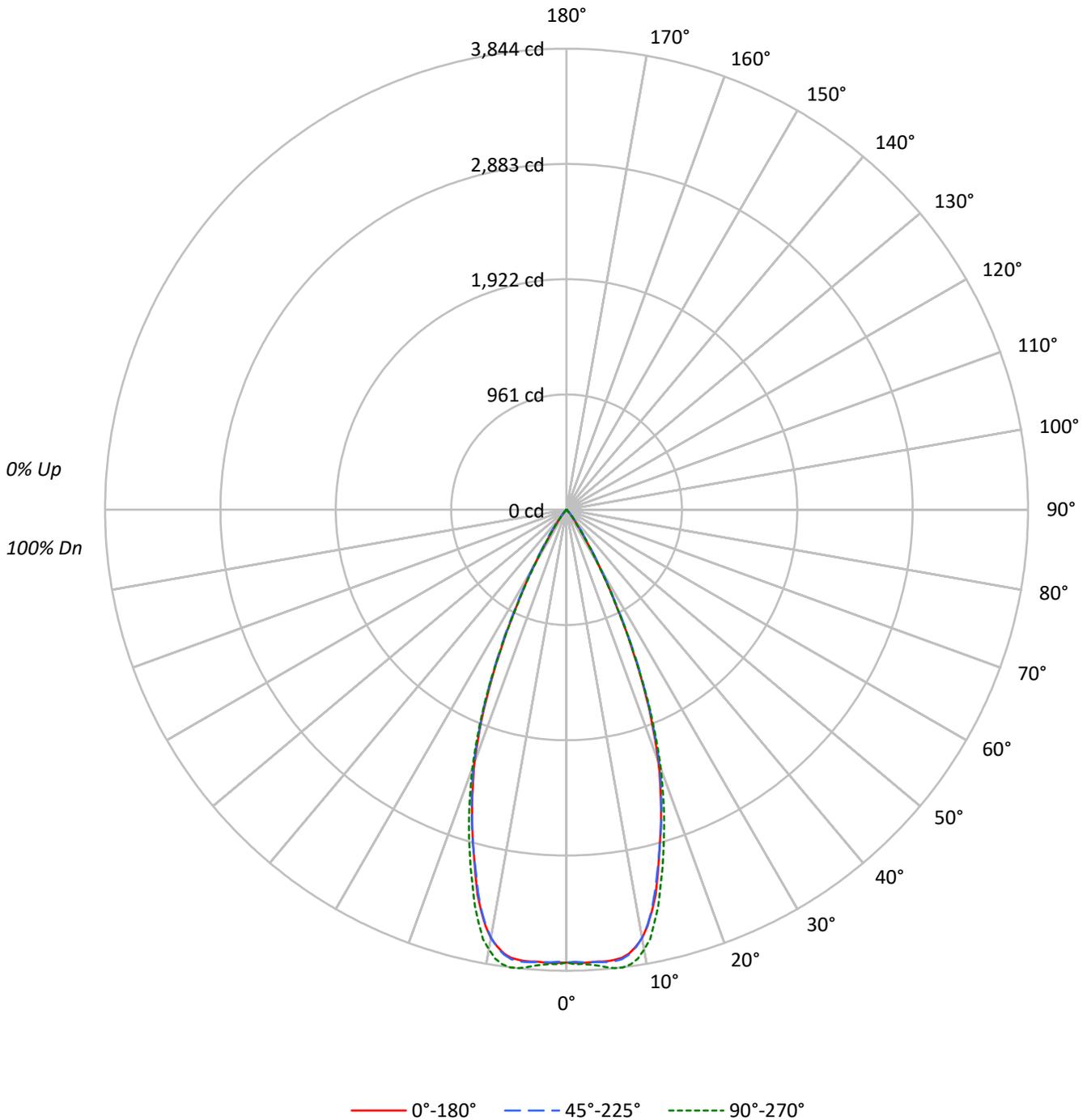
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1953.9 lumens
Efficiency: N/A
Efficacy: 71.6 lumens/watt
Spacing Criteria (0/90/45): 0.72 / 0.73 / 0.67
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	94	92	92	92	92	91
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88	88	88	88	86
4	101	95	91	87	100	94	90	87	92	88	86	90	87	85	88	86	84	84	84	84	82
5	98	91	86	82	96	90	85	82	88	84	81	87	83	81	85	82	80	80	80	80	79
6	94	86	82	78	93	86	81	78	84	80	77	83	79	77	82	79	76	76	76	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	73	73	73	72
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	70	70	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	67	67	67	66
10	81	73	68	65	80	72	68	65	72	67	65	71	67	64	70	67	64	64	64	64	63

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	650209	650209	650209
5°	653436	654681	662150
10°	634043	633536	651164
15°	531382	531114	550638
20°	410775	415009	420819
25°	251823	257030	252374
30°	107984	112856	104564
35°	33913	40893	33008
40°	11668	14906	11331
45°	2095	6308	1754
50°	1152	2304	1152
55°	1291	1291	1291
60°	999	999	999
65°	1182	1182	1182
70°	705	705	705
75°	932	932	932
80°	1389	1389	1389
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 6308 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.8	18.4
10°-20°	829.1	42.4
20°-30°	607.1	31.1
30°-40°	134.1	6.9
40°-50°	16.4	0.8
50°-60°	3.8	0.2
60°-70°	2.8	0.1
70°-80°	1.5	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°	1795.0	91.9
0°-40°	1929.2	98.7
0°-60°	1949.4	99.8
0°-90°	1953.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1953.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3775	3775	3775	3775	3775	
5°	3780	3777	3787	3814	3830	357
15°	2980	2964	2979	3051	3088	822
25°	1325	1324	1353	1342	1328	600
35°	161	170	194	170	157	127
45°	9	14	26	14	7	12
55°	4	4	4	4	4	4
65°	3	3	3	3	3	3
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°	3775.4	3775.4	3775.4	3775.4	3775.4
1°	3778.3	3772.5	3771.1	3781.2	3788.4
2°	3781.2	3774.0	3775.4	3785.5	3789.8
3°	3778.3	3771.1	3778.3	3792.7	3798.4
4°	3776.8	3774.0	3781.2	3801.3	3811.4
5°	3779.7	3776.8	3786.9	3814.3	3830.1
6°	3775.4	3771.1	3785.5	3820.0	3843.1
7°	3765.3	3761.0	3776.8	3818.6	3844.5
8°	3737.9	3729.3	3745.1	3797.0	3828.7
9°	3689.0	3677.4	3693.3	3753.8	3791.2
10°	3625.6	3612.6	3622.7	3681.8	3723.5
11°	3534.8	3517.6	3529.1	3592.5	3647.2
12°	3419.6	3395.1	3409.5	3481.5	3520.4
13°	3294.3	3271.2	3274.1	3338.9	3393.7
14°	3138.7	3108.5	3121.4	3189.1	3232.3
15°	2980.3	2964.4	2978.8	3050.9	3088.3
17.5°	2617.3	2615.8	2628.8	2682.1	2702.3
20°	2241.3	2245.6	2264.4	2293.2	2296.1
22.5°	1796.2	1797.7	1817.8	1838.0	1833.7
25°	1325.2	1323.8	1352.6	1342.5	1328.1
27.5°	878.7	884.4	910.4	891.6	877.2
30°	543.0	554.6	567.5	544.5	525.8
32.5°	293.8	312.6	331.3	311.1	292.4
35°	161.3	170.0	194.5	170.0	157.0
37.5°	93.6	97.9	113.8	97.9	89.3
40°	51.9	59.1	66.3	59.1	50.4
42.5°	21.6	33.1	40.3	33.1	21.6
45°	8.6	14.4	25.9	14.4	7.2
47.5°	4.3	5.8	15.8	5.8	4.3
50°	4.3	4.3	8.6	4.3	4.3
52.5°	4.3	4.3	4.3	4.3	4.3
55°	4.3	4.3	4.3	4.3	4.3
57.5°	4.3	4.3	4.3	4.3	4.3
60°	2.9	2.9	2.9	4.3	2.9
62.5°	2.9	2.9	2.9	2.9	2.9
65°	2.9	2.9	2.9	2.9	2.9
67.5°	2.9	2.9	2.9	2.9	2.9
70°	1.4	1.4	1.4	2.9	1.4
72.5°	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4
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)