

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: P1324091

Luminaire Tested: LDSQA3D17R459030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

**Test Information**

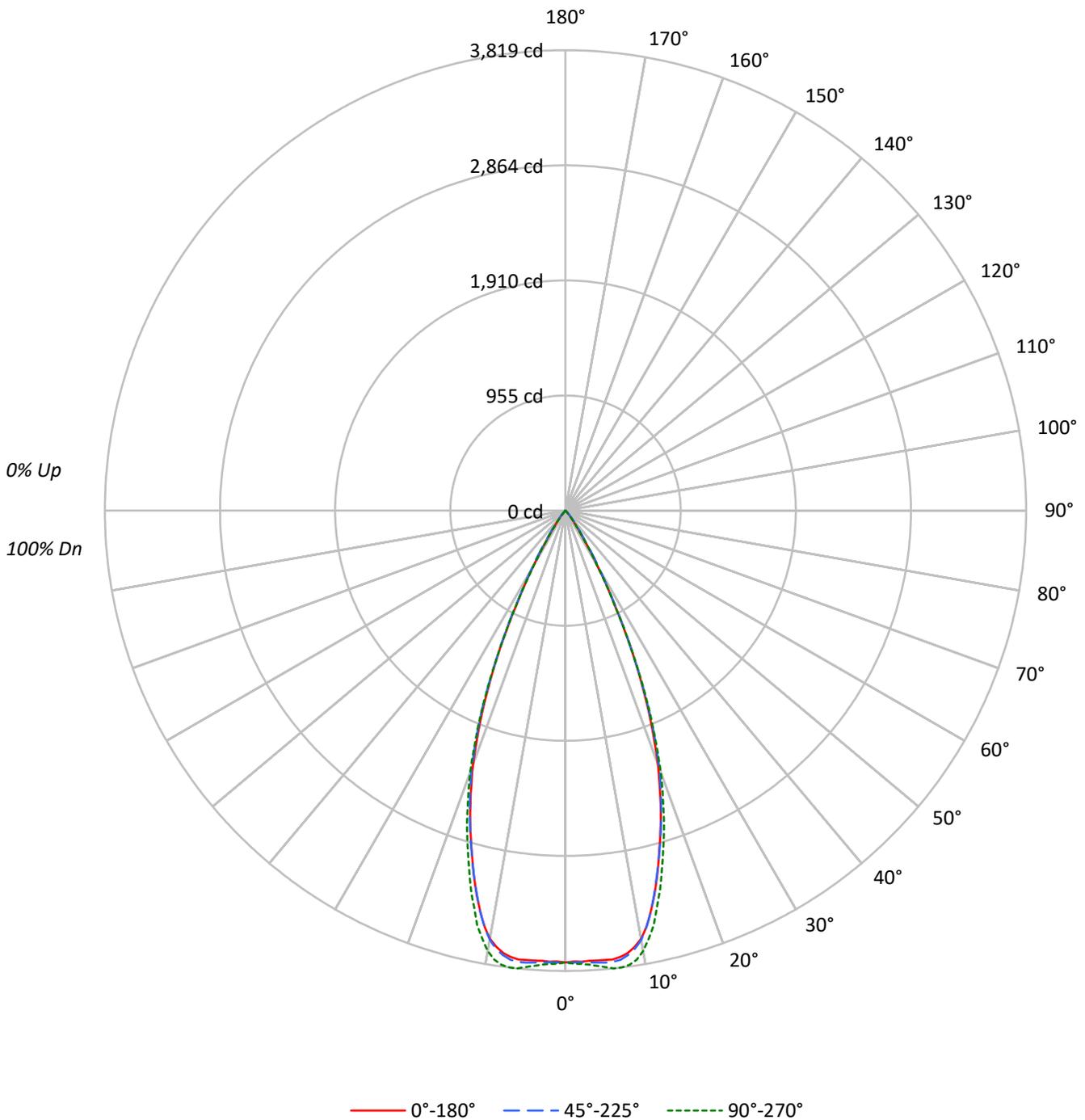
Test Method: LM-79-2019  
Report Number: P1324091  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R459030D2WDE010 3LSQCDR1MB  
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1938.0 lumens  
Efficiency: N/A  
Efficacy: 71.0 lumens/watt  
Spacing Criteria (0/90/45): 0.72 / 0.74 / 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	96	98	96	94	95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	89	86	84	83
5	98	91	86	83	96	90	86	82	88	85	82	87	83	81	85	82	80	79
6	94	87	82	78	93	86	81	78	85	81	78	83	80	77	82	79	77	75
7	91	83	78	75	89	82	78	74	81	77	74	80	76	74	79	76	73	72
8	87	79	75	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	645559	645559	645559
5°	647040	650774	657240
10°	630843	632102	648715
15°	532202	532469	549925
20°	410830	416640	423495
25°	254864	255130	256783
30°	105140	111723	103430
35°	32714	39989	31495
40°	10049	13916	9398
45°	706	5261	706
50°	0	777	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: 5261 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	356.8	18.4
10°-20°	829.5	42.8
20°-30°	608.5	31.4
30°-40°	130.8	6.7
40°-50°	12.4	0.6
50°-60°	0.1	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°	1794.7	92.6
0°-40°	1925.5	99.4
0°-60°	1938.0	100.0
0°-90°	1938.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1938.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3748	3748	3748	3748	3748	
5°	3743	3753	3764	3790	3802	354
15°	2985	2979	2986	3034	3084	822
25°	1341	1337	1343	1343	1351	602
35°	156	167	190	163	150	122
45°	3	9	22	9	3	7
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°	3748.4	3748.4	3748.4	3748.4	3748.4
1°	3741.2	3749.9	3749.9	3755.6	3758.5
2°	3744.1	3749.9	3748.4	3758.5	3762.8
3°	3739.8	3749.9	3752.8	3764.3	3771.5
4°	3741.2	3749.9	3758.5	3775.8	3785.9
5°	3742.7	3752.8	3764.3	3790.2	3801.7
6°	3744.1	3751.3	3764.3	3797.4	3819.0
7°	3729.7	3739.8	3754.2	3796.0	3819.0
8°	3706.7	3712.4	3723.9	3778.7	3806.1
9°	3663.4	3662.0	3679.3	3739.8	3771.5
10°	3607.3	3590.0	3614.5	3675.0	3709.5
11°	3516.5	3497.8	3519.4	3584.2	3617.3
12°	3398.4	3398.4	3402.7	3460.3	3517.9
13°	3273.0	3258.6	3267.3	3332.1	3372.4
14°	3134.7	3120.3	3129.0	3178.0	3241.3
15°	2984.9	2979.2	2986.4	3033.9	3084.3
17.5°	2629.1	2616.1	2642.1	2689.6	2715.5
20°	2241.6	2263.2	2273.3	2303.5	2310.7
22.5°	1796.4	1819.5	1833.9	1838.2	1842.5
25°	1341.2	1336.9	1342.6	1342.6	1351.3
27.5°	881.6	881.6	897.5	887.4	877.3
30°	528.7	550.3	561.8	543.1	520.1
32.5°	288.1	309.7	328.5	301.1	280.9
35°	155.6	167.1	190.2	162.8	149.8
37.5°	85.0	95.1	109.5	92.2	85.0
40°	44.7	54.7	61.9	54.7	41.8
42.5°	14.4	27.4	36.0	27.4	13.0
45°	2.9	8.6	21.6	8.6	2.9
47.5°	0.0	1.4	10.1	1.4	0.0
50°	0.0	0.0	2.9	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)