

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: P1324067

Luminaire Tested: LDSQA3D17R359030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

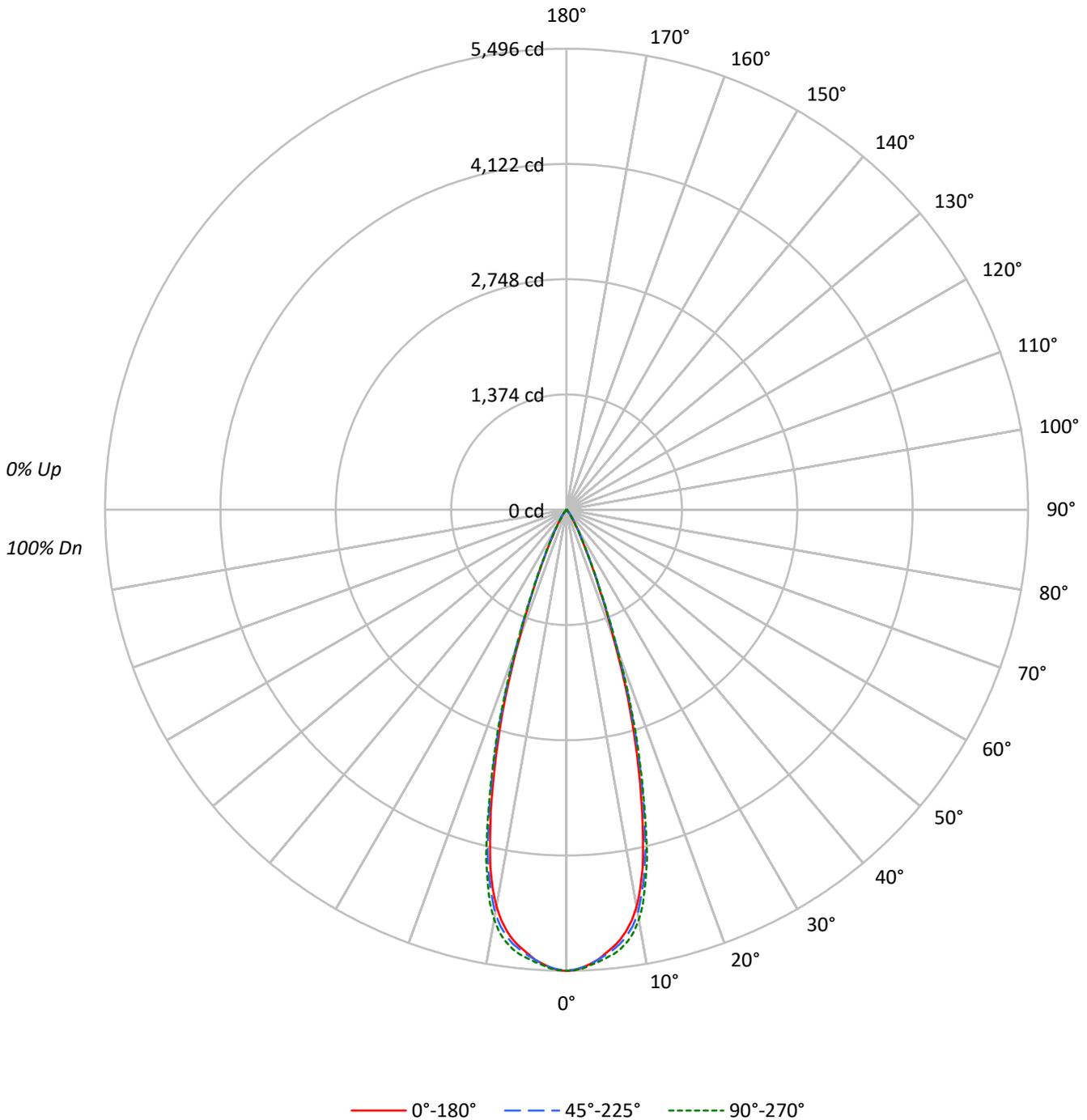
Test Method: LM-79-2019  
Report Number: P1324067  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R359030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1845.9 lumens  
Efficiency: N/A  
Efficacy: 67.6 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): 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	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°	946467	946467	946467
5°	918445	921678	927919
10°	840138	854758	867857
15°	603057	625148	631567
20°	303358	321044	321832
25°	114966	118520	119071
30°	46694	53574	45839
35°	16967	25734	16357
40°	7127	11016	6812
45°	1754	4555	1754
50°	1152	1929	1152
55°	1291	1291	1291
60°	1481	1481	1481
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: 4555 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	496.9	26.9
10°-20°	925.7	50.1
20°-30°	332.9	18.0
30°-40°	69.9	3.8
40°-50°	12.0	0.7
50°-60°	3.9	0.2
60°-70°	2.9	0.2
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°	1755.4	95.1
0°-40°	1825.4	98.9
0°-60°	1841.4	99.8
0°-90°	1845.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1845.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	5496	5496	5496	5496	5496	
5°	5313	5323	5331	5367	5367	492
15°	3382	3441	3506	3544	3542	900
25°	605	614	624	630	627	322
35°	81	95	122	94	78	61
45°	7	12	19	12	7	8
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	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	5495.6	5495.6	5495.6	5495.6	5495.6
1°	5492.7	5492.7	5481.2	5494.1	5489.8
2°	5462.4	5465.3	5458.1	5474.0	5472.5
3°	5420.7	5427.9	5422.1	5445.1	5437.9
4°	5376.0	5381.8	5378.9	5407.7	5404.8
5°	5312.6	5322.7	5331.3	5367.4	5367.4
6°	5247.8	5257.9	5276.6	5315.5	5328.5
7°	5172.9	5185.9	5216.1	5268.0	5276.6
8°	5077.8	5092.2	5134.0	5190.2	5201.7
9°	4959.7	4981.3	5028.8	5096.5	5103.7
10°	4804.1	4821.4	4887.7	4943.8	4962.6
11°	4602.4	4616.9	4675.9	4766.7	4778.2
12°	4357.6	4374.8	4451.2	4510.3	4521.8
13°	4047.8	4081.0	4173.2	4230.8	4262.5
14°	3729.5	3774.2	3840.4	3922.5	3902.4
15°	3382.3	3441.4	3506.2	3543.7	3542.2
17.5°	2531.0	2565.6	2623.2	2644.8	2673.6
20°	1655.2	1699.8	1751.7	1771.8	1756.0
22.5°	1027.1	1038.6	1054.5	1063.1	1060.2
25°	605.0	613.7	623.7	629.5	626.6
27.5°	364.5	384.6	399.0	381.7	371.7
30°	234.8	243.4	269.4	246.3	230.5
32.5°	139.7	159.9	181.5	154.1	134.0
35°	80.7	95.1	122.4	93.6	77.8
37.5°	51.9	59.1	79.2	57.6	50.4
40°	31.7	40.3	49.0	37.5	30.3
42.5°	15.8	24.5	28.8	21.6	15.8
45°	7.2	11.5	18.7	11.5	7.2
47.5°	4.3	5.8	11.5	5.8	4.3
50°	4.3	4.3	7.2	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°	4.3	4.3	4.3	4.3	4.3
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	1.4	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°	1.4	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)