

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: P1324033

Luminaire Tested: LDSQA3D17R259030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

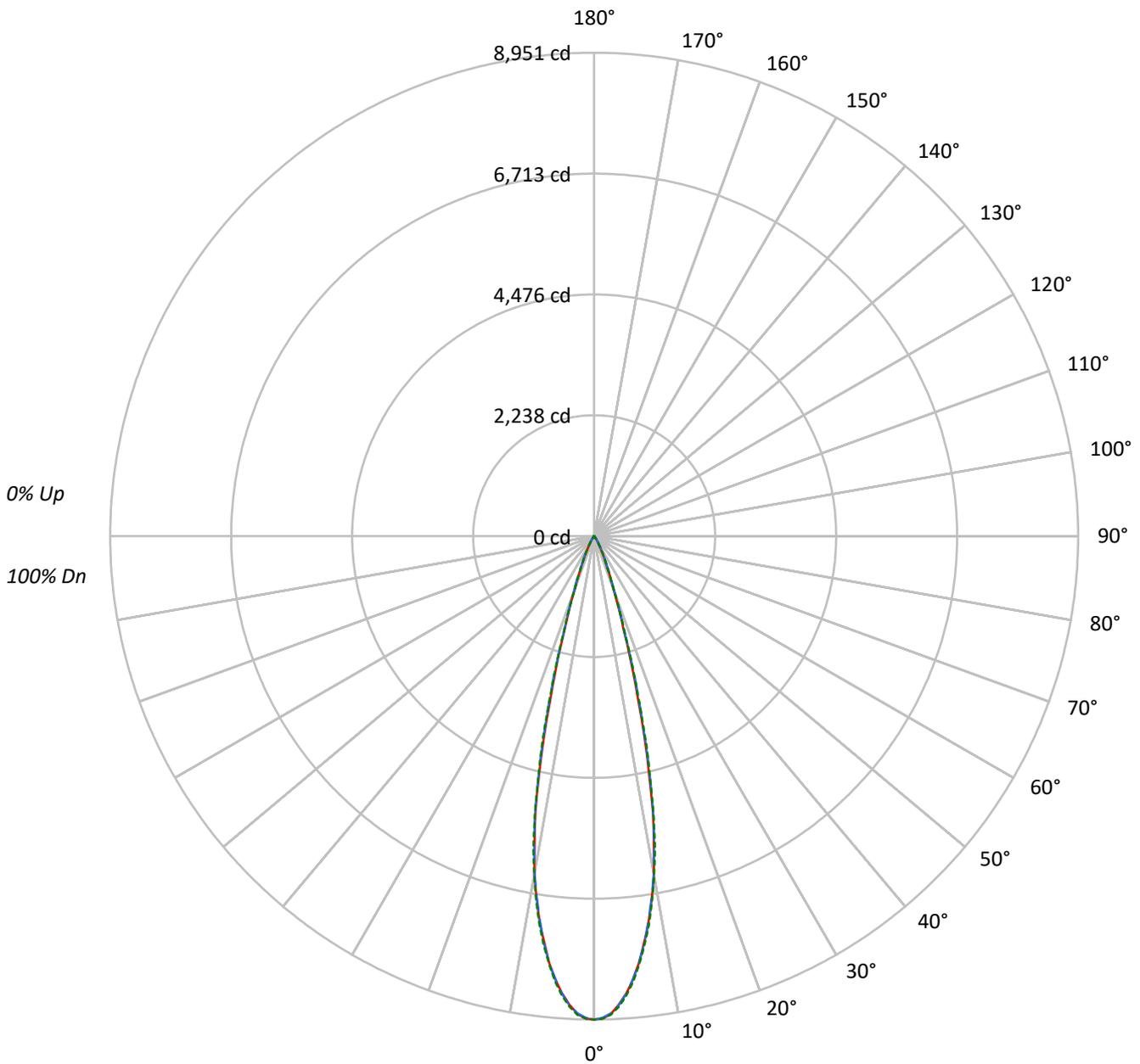
Test Method: LM-79-2019  
Report Number: P1324033  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R259030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1890.9 lumens  
Efficiency: N/A  
Efficacy: 69.3 lumens/watt  
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41  
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

TEST NUMBER: P1324033  
CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQCDR1MW

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    ··· 90°-270°



TEST NUMBER: P1324033

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQCDR1MW

**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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	76	76	76

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

	0°	45°	90°
0°	1541617	1541617	1541617
5°	1423930	1423446	1431416
10°	1112303	1109278	1116833
15°	559570	582945	582446
20°	191468	196746	193576
25°	76942	86519	80229
30°	31242	37248	30367
35°	9083	16357	9083
40°	4204	7127	4204
45°	1413	2801	1413
50°	777	1152	777
55°	871	871	871
60°	999	999	999
65°	571	571	571
70°	705	705	705
75°	932	932	932
80°	0	1389	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 2801 cd/sqm



TEST NUMBER: P1324033

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQCDR1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	726.2	38.4
10°-20°	888.8	47.0
20°-30°	217.1	11.5
30°-40°	44.9	2.4
40°-50°	7.8	0.4
50°-60°	2.6	0.1
60°-70°	2.0	0.1
70°-80°	1.3	0.1
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°	1832.2	96.9
0°-40°	1877.1	99.3
0°-60°	1887.5	99.8
0°-90°	1890.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1890.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	8951	8951	8951	8951	8951	
5°	8236	8244	8234	8251	8280	726
15°	3138	3192	3270	3284	3267	876
25°	405	424	455	429	422	207
35°	43	60	78	59	43	37
45°	6	9	12	9	6	6
55°	3	3	3	3	3	3
65°	1	3	1	1	1	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1324033

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQCDR1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	8951.3	8951.3	8951.3	8951.3	8951.3
1°	8934.0	8922.4	8919.6	8921.0	8935.4
2°	8853.3	8846.1	8844.6	8848.9	8869.1
3°	8689.0	8697.6	8700.5	8714.9	8725.0
4°	8487.3	8504.6	8497.4	8514.6	8526.2
5°	8236.5	8243.7	8233.7	8250.9	8279.8
6°	7944.0	7918.1	7942.6	7949.8	7970.0
7°	7579.5	7585.2	7593.9	7602.5	7632.8
8°	7220.7	7203.4	7199.0	7239.4	7263.9
9°	6801.3	6804.2	6788.4	6834.5	6841.7
10°	6360.4	6324.4	6343.1	6379.1	6386.3
11°	5778.3	5768.2	5795.5	5851.7	5896.4
12°	5232.1	5237.9	5266.7	5285.4	5275.4
13°	4510.2	4553.4	4589.5	4608.2	4583.7
14°	3857.5	3857.5	3903.6	3910.8	3998.7
15°	3138.4	3191.7	3269.5	3284.0	3266.7
17.5°	1812.7	1819.9	1857.4	1856.0	1883.3
20°	1044.7	1054.8	1073.5	1069.2	1056.2
22.5°	628.3	649.9	694.5	658.5	648.4
25°	404.9	423.6	455.3	429.4	422.2
27.5°	253.6	266.6	291.1	268.0	256.5
30°	157.1	164.3	187.3	165.7	152.7
32.5°	85.0	103.7	122.5	103.7	85.0
35°	43.2	60.5	77.8	59.1	43.2
37.5°	28.8	34.6	50.4	33.1	28.8
40°	18.7	23.1	31.7	23.1	18.7
42.5°	10.1	14.4	17.3	15.9	10.1
45°	5.8	8.6	11.5	8.6	5.8
47.5°	4.3	4.3	7.2	4.3	2.9
50°	2.9	2.9	4.3	2.9	2.9
52.5°	2.9	2.9	2.9	2.9	2.9
55°	2.9	2.9	2.9	2.9	2.9
57.5°	2.9	2.9	2.9	2.9	2.9
60°	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9
65°	1.4	2.9	1.4	1.4	1.4
67.5°	1.4	1.4	1.4	1.4	1.4
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°	0.0	0.0	1.4	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



TEST NUMBER: P1324033  
CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQCDR1MW

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)