

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: P1324120

Luminaire Tested: LDSQA3D17R609030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

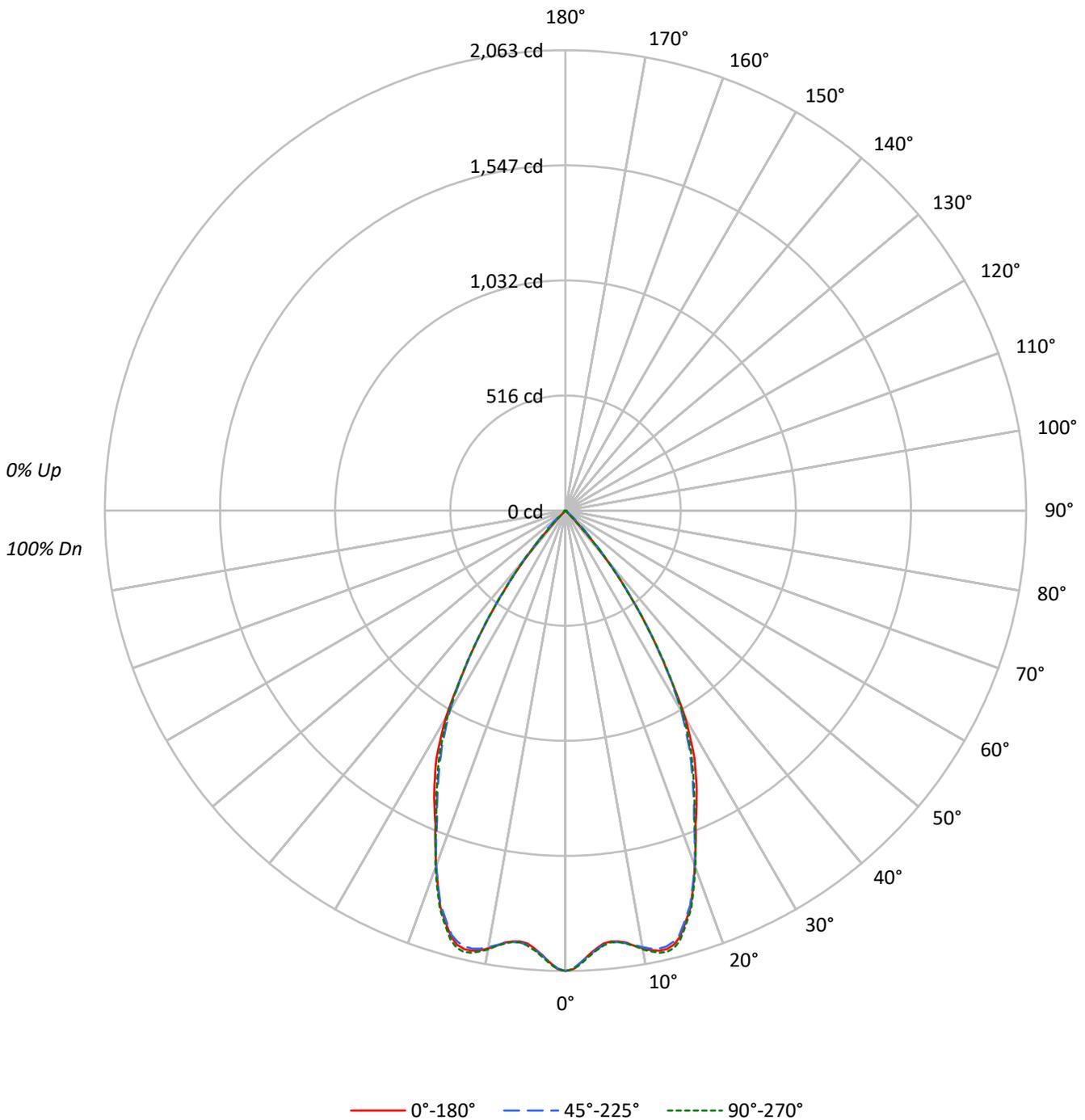
Test Method: LM-79-2019  
Report Number: P1324120  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R609030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1840.0 lumens  
Efficiency: N/A  
Efficacy: 67.4 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9  
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	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

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

	0°	45°	90°
0°	355278	355278	355278
5°	336719	337722	338223
10°	348430	347416	349182
15°	352673	351122	354724
20°	310542	310267	311862
25°	264251	256593	258778
30°	213283	205846	209266
35°	134977	136197	134683
40°	63107	65693	64074
45°	3848	23138	4555
50°	1929	5412	1929
55°	2162	2162	2162
60°	1998	1998	1998
65°	1752	2364	1752
70°	2165	2165	2165
75°	1930	1930	1930
80°	1389	1389	1389
85°	2766	2766	2766

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 23138 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	188.0	10.2
10°-20°	541.5	29.4
20°-30°	624.2	33.9
30°-40°	400.8	21.8
40°-50°	69.7	3.8
50°-60°	6.6	0.4
60°-70°	5.1	0.3
70°-80°	3.0	0.2
80°-90°	1.0	0.1
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°	1353.7	73.6
0°-40°	1754.6	95.4
0°-60°	1830.9	99.5
0°-90°	1840.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1840.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2063	2063	2063	2063	2063	
5°	1948	1952	1954	1958	1956	188
15°	1978	1971	1969	1982	1990	542
25°	1391	1375	1350	1352	1362	634
35°	642	638	648	635	641	401
45°	16	48	95	56	19	52
55°	7	7	7	7	7	6
65°	4	6	6	6	4	5
75°	3	3	3	3	3	3
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2062.9	2062.9	2062.9	2062.9	2062.9
1°	2054.3	2052.8	2051.4	2052.8	2054.3
2°	2025.5	2024.0	2022.6	2028.4	2031.2
3°	1993.8	1995.2	1996.7	1999.6	2001.0
4°	1967.9	1970.8	1972.2	1975.1	1976.5
5°	1947.7	1952.1	1953.5	1957.8	1956.4
6°	1942.0	1944.9	1946.3	1947.7	1944.9
7°	1944.9	1946.3	1947.7	1950.6	1947.7
8°	1954.9	1956.4	1957.8	1959.3	1959.3
9°	1975.1	1972.2	1970.8	1976.5	1975.1
10°	1992.4	1988.0	1986.6	1995.2	1996.7
11°	2006.8	2001.0	1999.6	2009.6	2012.5
12°	2016.8	2008.2	2006.8	2019.7	2025.5
13°	2016.8	2005.3	2005.3	2019.7	2028.4
14°	2005.3	1992.4	1992.4	2008.2	2018.3
15°	1978.0	1970.8	1969.3	1982.3	1989.5
17.5°	1862.8	1854.2	1855.6	1870.0	1871.4
20°	1694.4	1690.1	1692.9	1695.8	1701.6
22.5°	1523.1	1520.2	1504.4	1508.7	1511.5
25°	1390.6	1374.8	1350.3	1351.8	1361.8
27.5°	1251.0	1235.2	1200.6	1207.8	1217.9
30°	1072.5	1059.5	1035.1	1039.4	1052.3
32.5°	842.1	868.1	845.0	852.2	847.9
35°	642.0	637.7	647.8	634.9	640.6
37.5°	452.0	453.5	457.8	446.3	446.3
40°	280.7	287.9	292.2	286.5	285.0
42.5°	118.0	161.2	169.9	161.2	119.5
45°	15.8	47.5	95.0	56.1	18.7
47.5°	7.2	10.1	50.4	10.1	7.2
50°	7.2	7.2	20.2	7.2	7.2
52.5°	7.2	7.2	7.2	7.2	7.2
55°	7.2	7.2	7.2	7.2	7.2
57.5°	7.2	7.2	7.2	7.2	7.2
60°	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8
65°	4.3	5.8	5.8	5.8	4.3
67.5°	4.3	4.3	4.3	4.3	4.3
70°	4.3	4.3	4.3	4.3	4.3
72.5°	2.9	2.9	2.9	2.9	2.9
75°	2.9	2.9	2.9	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9
80°	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4
85°	1.4	1.4	1.4	1.4	1.4
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)