

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: P1323956

Luminaire Tested: LDSQA3D13R509030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1323956  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-39)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R509030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

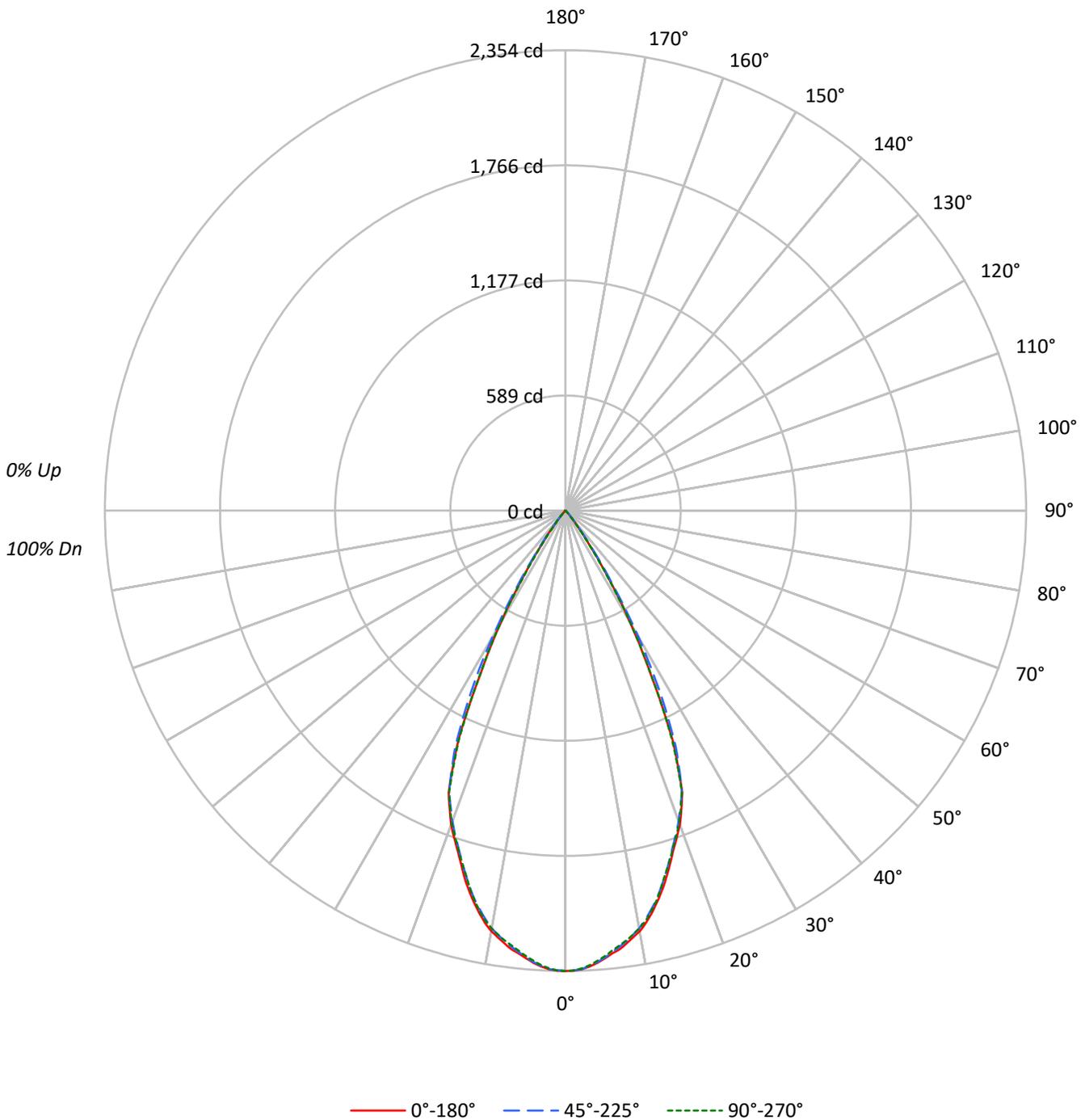
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1517.0 lumens  
Efficiency: N/A  
Efficacy: 75.5 lumens/watt  
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.78  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 20.1  
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: P1323956  
CATALOG NUMBER: LDSQA3D13R509030D2WDE010 3LSQCDR1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1323956  
 CATALOG NUMBER: LDSQA3D13R509030D2WDE010 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	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	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	94	91	103	98	93	90	95	92	89	93	90	87	90	88	86	86	86	86	85
4	100	93	89	85	98	92	88	84	90	86	83	88	85	82	87	84	81	81	81	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	77	77	77	76
6	92	84	79	75	90	83	78	75	82	77	74	80	77	74	79	76	73	73	73	73	72
7	88	80	74	71	87	79	74	70	78	73	70	77	73	70	76	72	69	69	69	69	68
8	84	76	71	67	83	75	70	67	74	70	67	73	69	66	72	69	66	66	66	66	65
9	81	72	67	64	80	72	67	63	71	66	63	70	66	63	69	66	63	63	63	63	62
10	78	69	64	60	77	69	64	60	68	63	60	67	63	60	66	63	60	60	60	60	59

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

	0°	45°	90°
0°	405412	405412	405412
5°	397452	396709	395602
10°	381902	379279	379453
15°	350587	347324	346932
20°	313200	309846	311440
25°	246161	253325	244127
30°	131709	147538	132126
35°	43016	50270	40535
40°	10657	13309	10162
45°	1315	4725	1315
50°	857	1447	857
55°	961	961	961
60°	758	758	758
65°	897	897	897
70°	554	554	554
75°	732	732	732
80°	1091	1091	1091
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 4725 cd/sqm



TEST NUMBER: P1323956

CATALOG NUMBER: LDSQA3D13R509030D2WDE010 3LSQCDR1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.2	14.2
10°-20°	544.4	35.9
20°-30°	572.6	37.7
30°-40°	165.0	10.9
40°-50°	13.4	0.9
50°-60°	2.9	0.2
60°-70°	2.1	0.1
70°-80°	1.2	0.1
80°-90°	0.3	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°	1332.2	87.8
0°-40°	1497.2	98.7
0°-60°	1513.5	99.8
0°-90°	1517.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1517.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2354	2354	2354	2354	2354	
5°	2299	2298	2295	2297	2288	216
15°	1966	1953	1948	1948	1946	548
25°	1295	1328	1333	1318	1285	561
35°	205	212	239	205	193	158
45°	5	11	19	11	5	10
55°	3	3	3	3	3	3
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1323956

CATALOG NUMBER: LDSQA3D13R509030D2WDE010 3LSQCDR1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2354.0	2354.0	2354.0	2354.0	2354.0
1°	2352.9	2355.0	2350.7	2358.3	2351.8
2°	2347.5	2348.6	2346.4	2351.8	2343.2
3°	2334.6	2336.7	2332.4	2336.7	2329.2
4°	2319.5	2319.5	2315.2	2318.4	2308.7
5°	2299.0	2298.0	2294.7	2296.9	2288.3
6°	2277.5	2276.4	2271.1	2271.1	2264.6
7°	2261.4	2253.8	2249.5	2248.4	2242.0
8°	2235.5	2233.4	2224.7	2224.7	2220.4
9°	2209.7	2207.5	2197.8	2200.0	2196.7
10°	2183.8	2176.3	2168.8	2169.8	2169.8
11°	2149.4	2142.9	2132.1	2136.4	2138.6
12°	2108.4	2100.9	2091.2	2099.8	2098.8
13°	2063.2	2056.8	2049.2	2055.7	2053.5
14°	2015.8	2006.1	1999.7	2004.0	2001.8
15°	1966.3	1953.4	1948.0	1948.0	1945.8
17.5°	1827.4	1819.9	1814.5	1811.2	1818.8
20°	1708.9	1702.5	1690.6	1693.9	1699.3
22.5°	1560.3	1559.3	1552.8	1547.4	1553.9
25°	1295.4	1327.7	1333.1	1318.0	1284.7
27.5°	941.2	1016.5	1043.5	1007.9	946.5
30°	662.3	697.8	741.9	671.9	664.4
32.5°	399.5	409.2	450.1	401.7	390.9
35°	204.6	212.1	239.1	204.6	192.8
37.5°	95.8	100.1	110.9	95.8	89.4
40°	47.4	52.8	59.2	49.5	45.2
42.5°	20.5	26.9	34.5	25.8	18.3
45°	5.4	10.8	19.4	10.8	5.4
47.5°	3.2	4.3	10.8	4.3	3.2
50°	3.2	3.2	5.4	3.2	3.2
52.5°	3.2	3.2	3.2	3.2	3.2
55°	3.2	3.2	3.2	3.2	3.2
57.5°	3.2	3.2	3.2	3.2	3.2
60°	2.2	3.2	2.2	3.2	2.2
62.5°	2.2	2.2	2.2	2.2	2.2
65°	2.2	2.2	2.2	2.2	2.2
67.5°	2.2	2.2	2.2	2.2	2.2
70°	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1
82.5°	0.0	1.1	0.0	1.1	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: P1323956  
CATALOG NUMBER: LDSQA3D13R509030D2WDE010 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)