

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: P1319979

Luminaire Tested: LDSQA3D09R359840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319979
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: LDSQA3D09R359840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

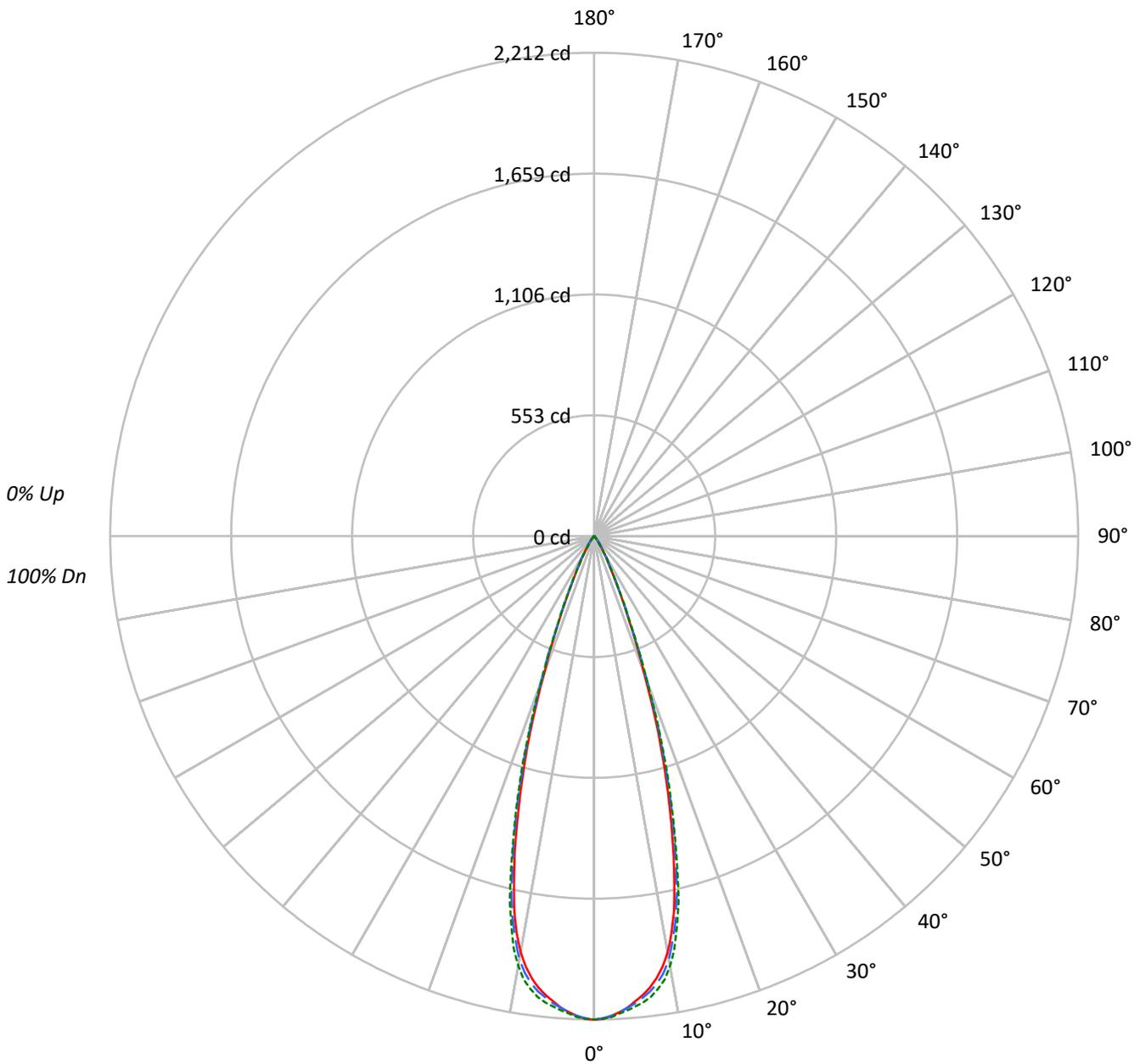
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 743.0 lumens
Efficiency: N/A
Efficacy: 67.5 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): 11
Input Voltage (V): NR
Input Current (A_{in}): 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



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



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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	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	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	380939	380939	380939
5°	369670	370967	373474
10°	338147	344023	349304
15°	242735	251614	254199
20°	122098	129209	129539
25°	46271	47716	47925
30°	18793	21557	18455
35°	6833	10365	6581
40°	2878	4429	2743
45°	706	1827	706
50°	455	777	455
55°	510	510	510
60°	586	586	586
65°	489	489	489
70°	302	302	302
75°	399	399	399
80°	595	595	595
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1827 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.0	26.9
10°-20°	372.6	50.1
20°-30°	134.0	18.0
30°-40°	28.2	3.8
40°-50°	4.8	0.7
50°-60°	1.6	0.2
60°-70°	1.2	0.2
70°-80°	0.6	0.1
80°-90°	0.1	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°	706.6	95.1
0°-40°	734.7	98.9
0°-60°	741.1	99.7
0°-90°	743.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	743.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2212	2212	2212	2212	2212	
5°	2138	2142	2146	2160	2160	198
15°	1361	1385	1411	1426	1426	362
25°	244	247	251	253	252	129
35°	32	38	49	38	31	25
45°	3	5	8	5	3	3
55°	2	2	2	2	2	2
65°	1	1	1	1	1	1
75°	1	1	1	1	1	1
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°	2211.9	2211.9	2211.9	2211.9	2211.9
1°	2210.8	2210.8	2206.1	2211.3	2209.6
2°	2198.6	2199.7	2196.8	2203.2	2202.6
3°	2181.8	2184.7	2182.4	2191.6	2188.7
4°	2163.8	2166.1	2165.0	2176.6	2175.4
5°	2138.3	2142.3	2145.8	2160.3	2160.3
6°	2112.2	2116.3	2123.8	2139.4	2144.7
7°	2082.0	2087.3	2099.4	2120.3	2123.8
8°	2043.8	2049.6	2066.4	2089.0	2093.6
9°	1996.2	2004.9	2024.1	2051.3	2054.2
10°	1933.6	1940.6	1967.2	1989.9	1997.4
11°	1852.4	1858.2	1882.0	1918.5	1923.2
12°	1753.9	1760.8	1791.6	1815.3	1820.0
13°	1629.2	1642.6	1679.7	1702.9	1715.6
14°	1501.1	1519.1	1545.7	1578.8	1570.7
15°	1361.4	1385.1	1411.2	1426.3	1425.7
17.5°	1018.7	1032.6	1055.8	1064.5	1076.1
20°	666.2	684.2	705.0	713.1	706.8
22.5°	413.4	418.0	424.4	427.9	426.7
25°	243.5	247.0	251.1	253.4	252.2
27.5°	146.7	154.8	160.6	153.6	149.6
30°	94.5	98.0	108.4	99.1	92.8
32.5°	56.2	64.4	73.1	62.0	53.9
35°	32.5	38.3	49.3	37.7	31.3
37.5°	20.9	23.8	31.9	23.2	20.3
40°	12.8	16.2	19.7	15.1	12.2
42.5°	6.4	9.9	11.6	8.7	6.4
45°	2.9	4.6	7.5	4.6	2.9
47.5°	1.7	2.3	4.6	2.3	1.7
50°	1.7	1.7	2.9	1.7	1.7
52.5°	1.7	1.7	1.7	1.7	1.7
55°	1.7	1.7	1.7	1.7	1.7
57.5°	1.7	1.7	1.7	1.7	1.7
60°	1.7	1.7	1.7	1.7	1.7
62.5°	1.2	1.2	1.2	1.2	1.2
65°	1.2	1.2	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	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)