

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: P1323627

Luminaire Tested: LDSQA3D05R359030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323627
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

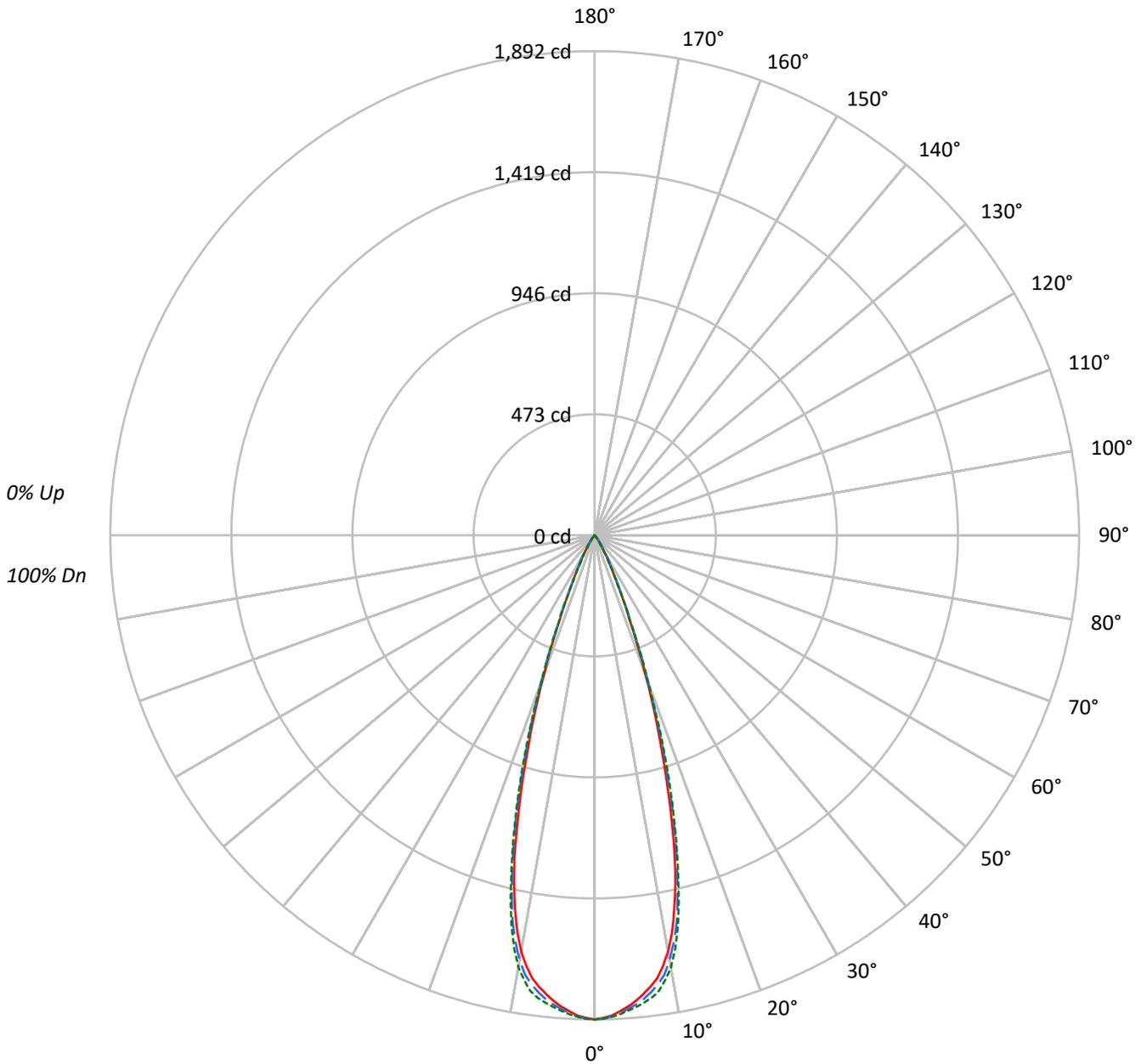
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 56.8 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): 11.1
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

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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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	325880	325880	325880
5°	315991	318238	319950
10°	288761	294864	299918
15°	207646	216721	218504
20°	105713	111028	111303
25°	40115	40970	39830
30°	15571	18057	15173
35°	5340	8389	5046
40°	1799	3260	1686
45°	122	1096	122
50°	0	134	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1096 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.3	27.2
10°-20°	319.1	50.7
20°-30°	114.7	18.2
30°-40°	22.4	3.6
40°-50°	2.5	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	605.1	96.0
0°-40°	627.5	99.6
0°-60°	630.0	100.0
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1892	1892	1892	1892	1892	
5°	1828	1833	1841	1849	1851	169
15°	1165	1184	1216	1224	1226	309
25°	211	213	216	214	210	111
35°	25	29	40	29	24	19
45°	0	2	4	2	0	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	1892.2	1892.2	1892.2	1892.2	1892.2
1°	1886.7	1889.2	1889.7	1893.2	1889.2
2°	1878.7	1880.2	1882.2	1885.2	1883.2
3°	1863.2	1866.2	1870.7	1874.7	1874.7
4°	1846.8	1850.7	1856.2	1863.2	1862.7
5°	1827.8	1832.8	1840.8	1849.2	1850.7
6°	1803.8	1809.8	1822.8	1834.8	1836.8
7°	1778.4	1787.4	1799.8	1817.3	1821.8
8°	1748.5	1755.4	1773.4	1793.9	1798.9
9°	1704.5	1715.0	1738.0	1756.9	1759.9
10°	1651.2	1658.6	1686.1	1706.0	1715.0
11°	1582.3	1593.3	1620.2	1640.7	1646.7
12°	1494.5	1510.4	1541.9	1556.8	1561.8
13°	1399.7	1413.1	1437.6	1456.0	1460.0
14°	1292.9	1305.9	1331.3	1346.3	1342.8
15°	1164.6	1184.1	1215.5	1224.0	1225.5
17.5°	860.3	872.7	900.7	914.1	923.6
20°	576.8	588.8	605.8	614.8	607.3
22.5°	350.8	360.8	369.7	369.3	366.8
25°	211.1	213.1	215.6	214.1	209.6
27.5°	123.2	128.7	136.2	131.2	123.7
30°	78.3	82.8	90.8	82.3	76.3
32.5°	41.4	52.4	60.9	49.4	43.4
35°	25.4	28.9	39.9	29.4	24.0
37.5°	15.5	18.0	24.9	17.5	14.0
40°	8.0	11.5	14.5	10.5	7.5
42.5°	2.5	5.5	8.0	5.0	2.5
45°	0.5	1.5	4.5	1.5	0.5
47.5°	0.0	0.0	2.0	0.5	0.0
50°	0.0	0.0	0.5	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	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



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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)