

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: P1323630

Luminaire Tested: LDSQA3D05R359030D2WDE010 3LSQPHR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323630
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359030D2WDE010 3LSQPHR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

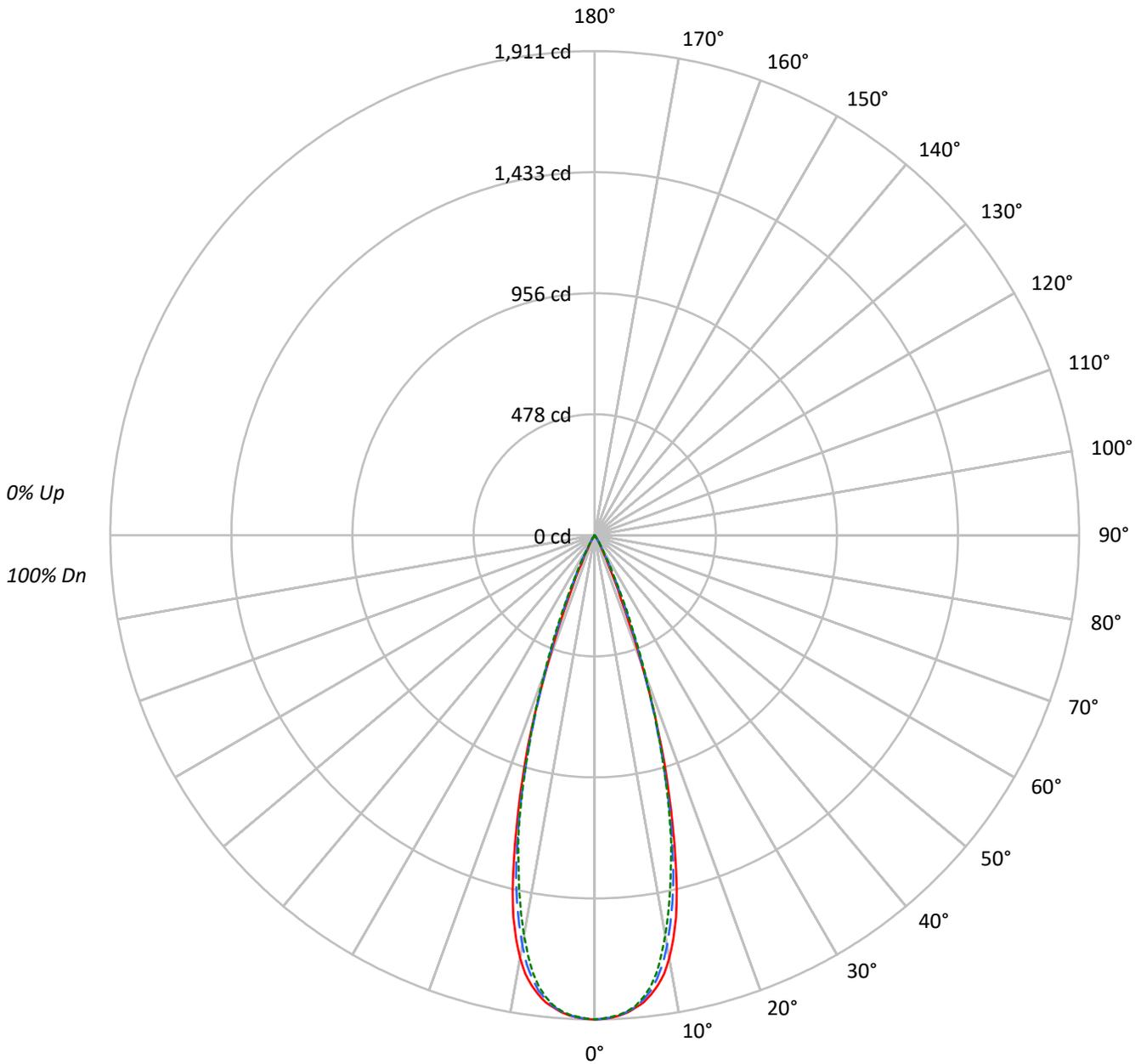
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 580.0 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
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% Up
100% Dn

— 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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98		97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95		93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92		90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89		87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86		85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83		82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81		80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78		77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76		75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74		73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	329100	329100	329100
5°	323442	322751	322059
10°	296438	287519	280542
15°	212264	205488	202992
20°	98437	101810	105383
25°	23354	33236	34642
30°	6861	7855	8850
35°	1577	2523	2313
40°	337	674	450
45°	122	122	122
50°	134	0	134
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: 0°
 Vertical Angle: 52.5°
 Luminance: 141 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.6	29.6
10°-20°	306.7	52.9
20°-30°	92.3	15.9
30°-40°	8.8	1.5
40°-50°	0.6	0.1
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°	570.5	98.4
0°-40°	579.4	99.9
0°-60°	580.0	100.0
0°-90°	580.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	580.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1911	1911	1911	1911	1911	
5°	1871	1870	1867	1864	1863	173
15°	1190	1182	1152	1148	1138	314
25°	123	135	175	182	182	79
35°	8	10	12	13	11	7
45°	0	0	0	0	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°	1910.9	1910.9	1910.9	1910.9	1910.9
1°	1909.9	1909.9	1908.9	1908.9	1906.9
2°	1905.4	1905.9	1903.9	1903.4	1901.9
3°	1898.4	1896.9	1896.9	1895.9	1894.9
4°	1887.4	1884.4	1883.4	1883.9	1881.9
5°	1870.9	1870.4	1866.9	1864.4	1862.9
6°	1852.9	1849.5	1842.0	1835.5	1834.0
7°	1826.0	1818.5	1812.0	1798.5	1796.5
8°	1793.0	1781.0	1767.0	1748.0	1747.0
9°	1752.5	1733.0	1713.6	1688.1	1679.1
10°	1695.1	1677.1	1644.1	1621.6	1604.2
11°	1623.6	1601.2	1562.7	1535.7	1521.2
12°	1542.7	1521.7	1476.8	1452.3	1431.8
13°	1438.8	1421.3	1379.3	1352.4	1336.4
14°	1318.4	1305.4	1265.4	1253.5	1248.0
15°	1190.5	1181.5	1152.5	1147.5	1138.5
17.5°	876.3	861.3	844.8	847.8	850.8
20°	537.1	558.0	555.5	566.5	575.0
22.5°	267.8	294.8	326.2	345.2	354.7
25°	122.9	135.4	174.9	182.3	182.3
27.5°	61.9	64.9	82.4	83.9	87.9
30°	34.5	37.0	39.5	44.0	44.5
32.5°	17.5	20.5	21.5	24.0	23.0
35°	7.5	10.0	12.0	13.0	11.0
37.5°	3.5	4.5	6.5	6.0	4.5
40°	1.5	2.0	3.0	2.5	2.0
42.5°	1.0	1.0	1.5	1.0	1.0
45°	0.5	0.5	0.5	0.5	0.5
47.5°	0.5	0.5	0.0	0.5	0.5
50°	0.5	0.0	0.0	0.0	0.5
52.5°	0.5	0.0	0.0	0.0	0.5
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)