

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: P1315080

Luminaire Tested: LDSQA3D02R159735DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315080
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R159735DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

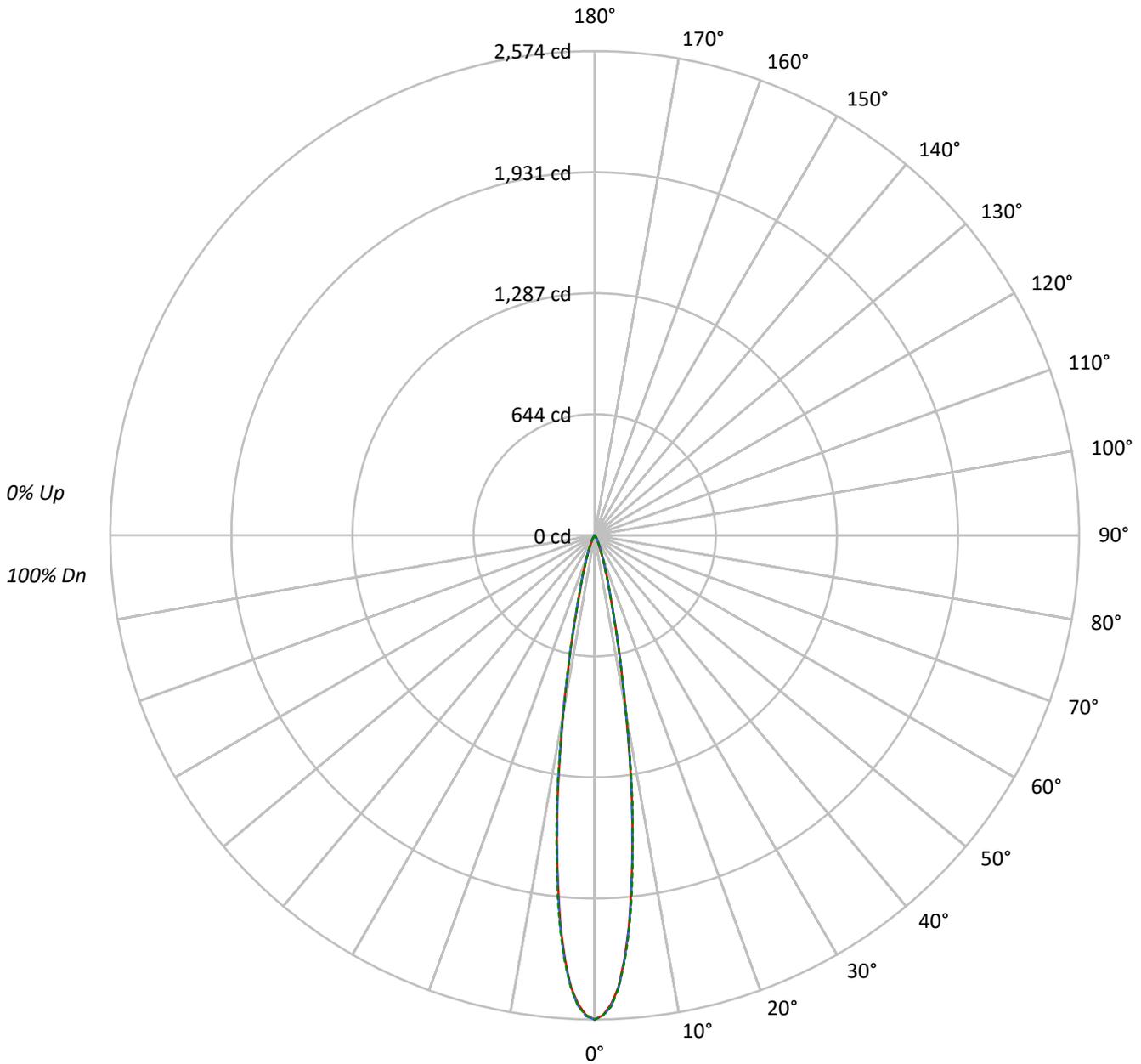
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 289.0 lumens
Efficiency: N/A
Efficacy: 80.3 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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% 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				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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	97	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	99	98	97	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	96	94	93	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	95	93	91	90
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	93	91	89	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	92	89	88	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	86	90	88	86	90	88	86	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	89	86	85	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	87	85	83	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	443353	443353	443353
5°	360508	361770	363032
10°	167902	168059	167150
15°	51956	53810	52794
20°	20710	21883	20454
25°	8665	10223	8228
30°	3520	4693	3242
35°	1135	2144	1051
40°	405	877	405
45°	170	268	170
50°	134	188	134
55°	150	150	150
60°	172	172	172
65°	82	82	82
70°	101	101	101
75°	133	133	133
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 268 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.1	55.8
10°-20°	96.3	33.3
20°-30°	24.5	8.5
30°-40°	5.3	1.8
40°-50°	0.9	0.3
50°-60°	0.5	0.2
60°-70°	0.2	0.1
70°-80°	0.1	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°	282.0	97.6
0°-40°	287.3	99.4
0°-60°	288.6	99.9
0°-90°	289.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	289.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2574	2574	2574	2574	2574	
5°	2085	2088	2093	2083	2100	161
15°	291	300	302	298	296	96
25°	46	49	54	48	43	23
35°	5	7	10	7	5	4
45°	1	1	1	1	1	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°	2574.3	2574.3	2574.3	2574.3	2574.3
1°	2551.9	2556.2	2556.9	2556.2	2552.6
2°	2494.5	2507.2	2504.5	2499.0	2506.7
3°	2405.7	2412.1	2411.2	2411.6	2409.8
4°	2261.4	2272.5	2266.2	2271.0	2271.4
5°	2085.3	2088.3	2092.6	2083.1	2099.9
6°	1868.6	1887.5	1870.9	1887.2	1893.8
7°	1648.3	1659.2	1638.1	1649.4	1656.2
8°	1423.0	1403.9	1415.5	1415.7	1438.2
9°	1179.7	1183.6	1193.3	1182.2	1192.0
10°	960.1	968.9	961.0	957.1	955.8
11°	758.1	768.1	767.4	768.6	761.1
12°	609.9	604.7	608.1	597.0	602.0
13°	474.7	474.9	472.2	467.7	463.6
14°	371.9	369.6	376.0	370.3	365.1
15°	291.4	299.5	301.8	297.5	296.1
17.5°	179.7	179.9	183.1	179.0	178.6
20°	113.0	115.7	119.4	115.0	111.6
22.5°	71.5	74.0	79.6	74.2	69.4
25°	45.6	48.8	53.8	47.7	43.3
27.5°	28.6	31.5	36.3	30.6	27.5
30°	17.7	19.7	23.6	19.3	16.3
32.5°	10.2	12.3	15.4	11.6	9.8
35°	5.4	7.0	10.2	6.8	5.0
37.5°	3.2	4.1	6.6	3.6	2.9
40°	1.8	2.5	3.9	2.3	1.8
42.5°	1.1	1.6	1.8	1.4	0.9
45°	0.7	0.9	1.1	0.9	0.7
47.5°	0.5	0.7	0.9	0.5	0.5
50°	0.5	0.5	0.7	0.5	0.5
52.5°	0.5	0.5	0.5	0.5	0.5
55°	0.5	0.5	0.5	0.5	0.5
57.5°	0.5	0.5	0.5	0.5	0.5
60°	0.5	0.5	0.5	0.5	0.5
62.5°	0.2	0.2	0.2	0.2	0.2
65°	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2
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)