

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: P1323595

Luminaire Tested: LDSQA3D05R259030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323595
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R259030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

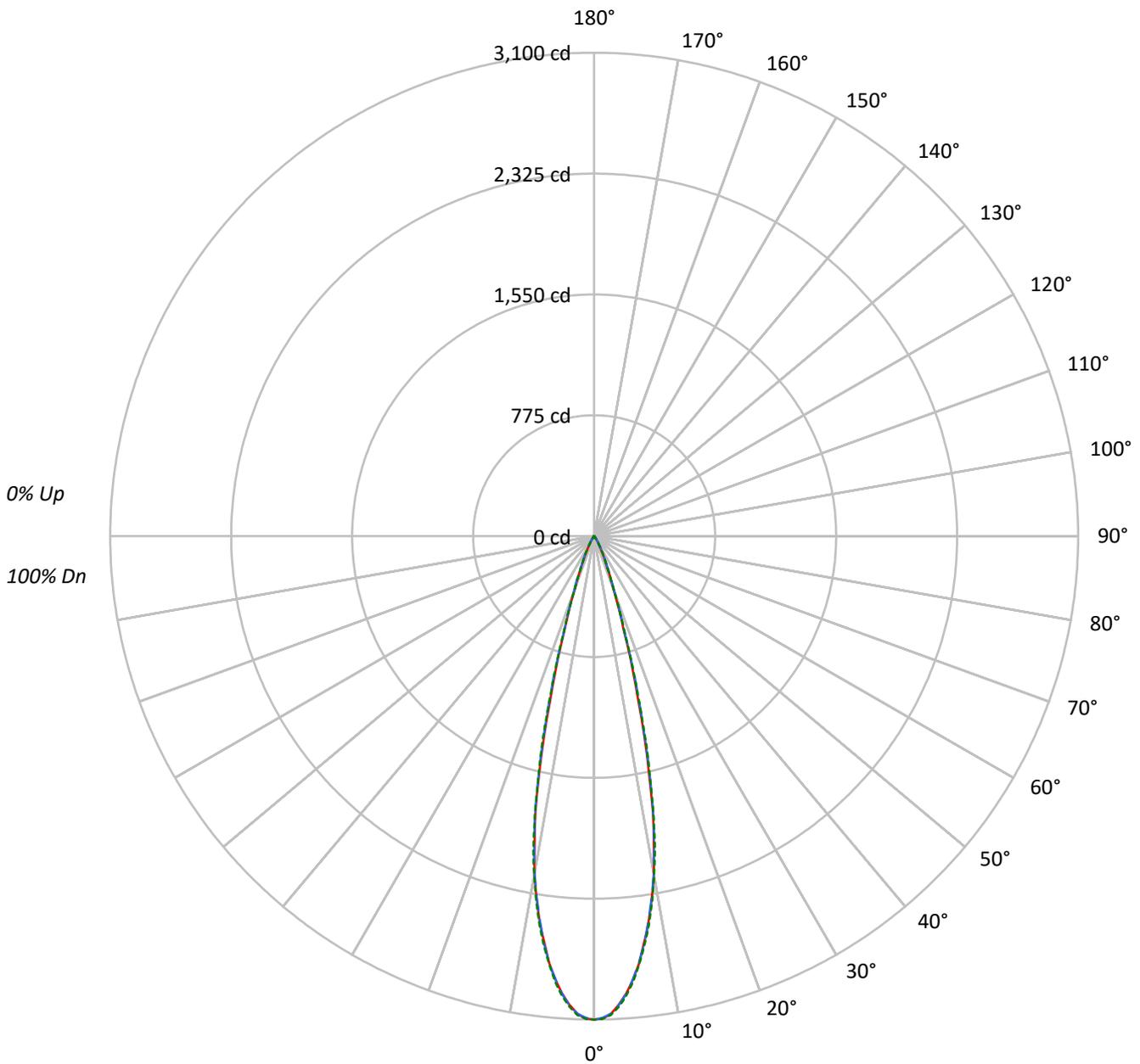
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 655.0 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
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									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	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	99	99	97	97	95	94	94	93	91	91	89	87	86															
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	95	94	93	91	91	89	87	86	84	82	81																
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	93	91	91	89	87	86	84	82	81	79	78	76																
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	89	87	86	84	82	81	79	78	76	74	72																
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	87	85	84	82	81	79	78	76	74	72	70	68																
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	84	83	81	80	78	77	75	74	72	70	68	66																
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	82	81	79	78	76	75	73	72	70	68	66	64																
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	80	79	77	76	74	73	71	70	68	66	64	62																
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	78	77	75	74	72	71	69	68	66	64	62	60																
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	76	75	73	72	70	69	67	66	64	62	60	58																
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	81	79	77	76	74	73	71	70	68	67	65	64	62	60	58	56																

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	533976	533976	533976
5°	493228	493055	495804
10°	385277	384228	386851
15°	193828	201922	201744
20°	66327	68142	67061
25°	26661	29967	27782
30°	10818	12906	10520
35°	3154	5677	3154
40°	1461	2473	1461
45°	487	974	487
50°	268	402	268
55°	300	300	300
60°	344	344	344
65°	204	204	204
70°	252	252	252
75°	333	333	333
80°	0	496	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 974 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.5	38.4
10°-20°	307.9	47.0
20°-30°	75.2	11.5
30°-40°	15.6	2.4
40°-50°	2.7	0.4
50°-60°	0.9	0.1
60°-70°	0.7	0.1
70°-80°	0.5	0.1
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°	634.6	96.9
0°-40°	650.2	99.3
0°-60°	653.8	99.8
0°-90°	655.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	655.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3100	3100	3100	3100	3100	
5°	2853	2855	2852	2858	2868	251
15°	1087	1106	1132	1138	1132	304
25°	140	147	158	149	146	72
35°	15	21	27	20	15	13
45°	2	3	4	3	2	2
55°	1	1	1	1	1	1
65°	0	1	0	0	0	1
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°	3100.5	3100.5	3100.5	3100.5	3100.5
1°	3094.5	3090.5	3089.5	3090.0	3095.0
2°	3066.6	3064.1	3063.6	3065.1	3072.1
3°	3009.7	3012.7	3013.7	3018.7	3022.2
4°	2939.8	2945.8	2943.3	2949.3	2953.3
5°	2853.0	2855.4	2852.0	2857.9	2867.9
6°	2751.6	2742.6	2751.1	2753.6	2760.6
7°	2625.4	2627.4	2630.3	2633.3	2643.8
8°	2501.1	2495.1	2493.6	2507.6	2516.0
9°	2355.8	2356.8	2351.3	2367.3	2369.8
10°	2203.1	2190.6	2197.1	2209.6	2212.1
11°	2001.5	1998.0	2007.4	2026.9	2042.4
12°	1812.3	1814.3	1824.3	1830.8	1827.3
13°	1562.2	1577.2	1589.7	1596.2	1587.7
14°	1336.1	1336.1	1352.1	1354.6	1385.0
15°	1087.1	1105.5	1132.5	1137.5	1131.5
17.5°	627.9	630.4	643.4	642.9	652.3
20°	361.9	365.4	371.8	370.3	365.9
22.5°	217.6	225.1	240.6	228.1	224.6
25°	140.3	146.7	157.7	148.7	146.2
27.5°	87.8	92.3	100.8	92.8	88.8
30°	54.4	56.9	64.9	57.4	52.9
32.5°	29.4	35.9	42.4	35.9	29.4
35°	15.0	21.0	27.0	20.5	15.0
37.5°	10.0	12.0	17.5	11.5	10.0
40°	6.5	8.0	11.0	8.0	6.5
42.5°	3.5	5.0	6.0	5.5	3.5
45°	2.0	3.0	4.0	3.0	2.0
47.5°	1.5	1.5	2.5	1.5	1.0
50°	1.0	1.0	1.5	1.0	1.0
52.5°	1.0	1.0	1.0	1.0	1.0
55°	1.0	1.0	1.0	1.0	1.0
57.5°	1.0	1.0	1.0	1.0	1.0
60°	1.0	1.0	1.0	1.0	1.0
62.5°	1.0	1.0	1.0	1.0	1.0
65°	0.5	1.0	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.5	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)