

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: P1323885

Luminaire Tested: LDSQA3D13R259030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323885
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

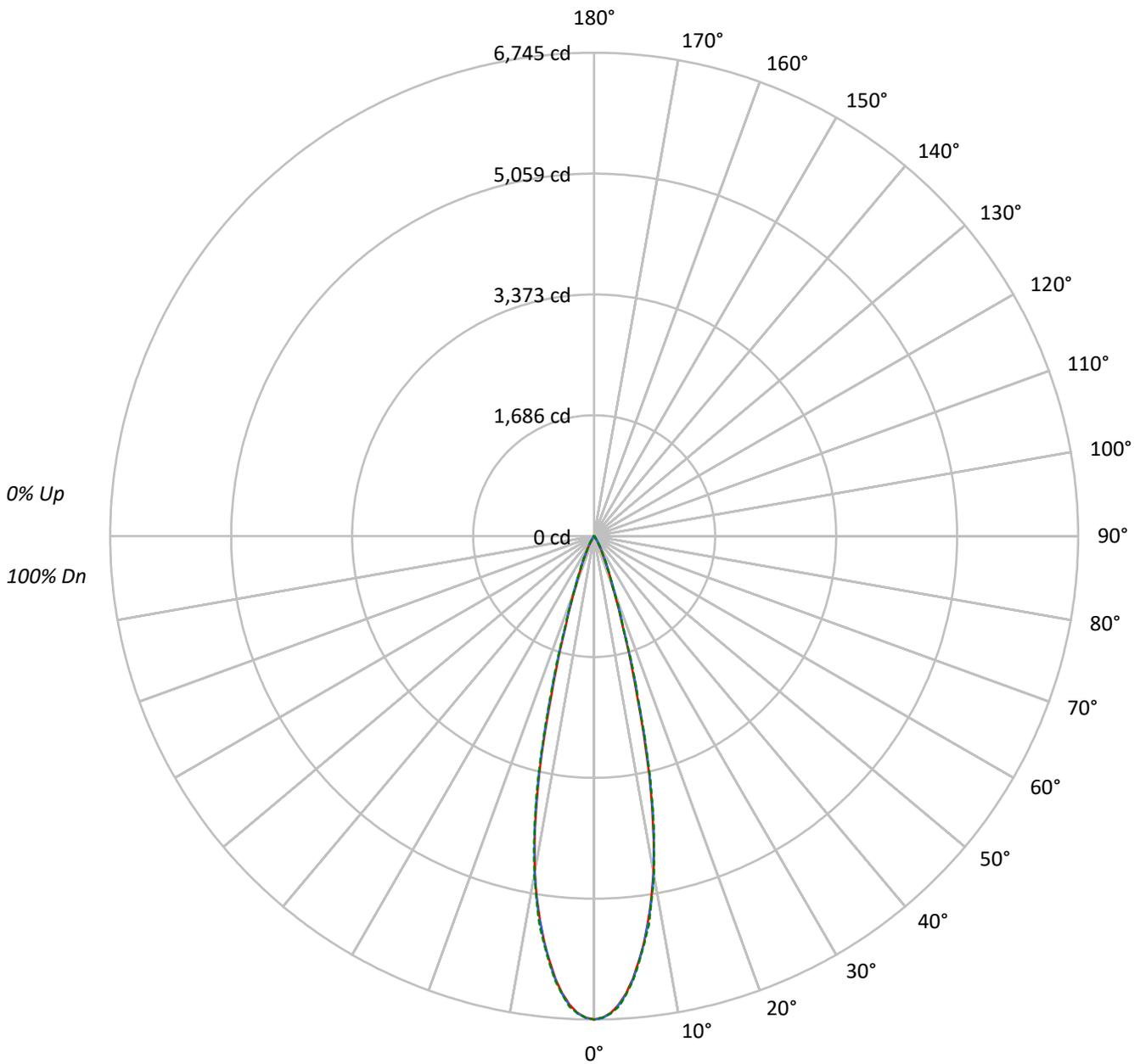
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1404.0 lumens
Efficiency: N/A
Efficacy: 69.9 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1161642	1161642	1161642
5°	1071116	1073536	1075766
10°	831657	834665	839194
15°	410995	428272	428468
20°	138391	147665	141159
25°	57312	63659	58946
30°	22492	28279	22710
35°	5887	11542	6118
40°	2181	4609	2181
45°	268	1315	268
50°	0	295	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: 1315 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	546.6	38.9
10°-20°	661.1	47.1
20°-30°	161.4	11.5
30°-40°	31.4	2.2
40°-50°	3.6	0.3
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°	1369.0	97.5
0°-40°	1400.4	99.7
0°-60°	1404.0	100.0
0°-90°	1404.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1404.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6745	6745	6745	6745	6745	
5°	6196	6204	6210	6237	6223	545
15°	2305	2360	2402	2426	2403	649
25°	302	318	335	321	310	153
35°	28	40	55	40	29	25
45°	1	3	5	3	1	2
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°	6745.0	6745.0	6745.0	6745.0	6745.0
1°	6719.2	6723.5	6724.6	6731.0	6718.1
2°	6657.8	6658.9	6662.1	6675.0	6663.2
3°	6544.7	6552.2	6553.3	6570.5	6573.8
4°	6390.7	6395.0	6403.6	6432.7	6406.8
5°	6195.7	6204.3	6209.7	6236.6	6222.6
6°	5954.4	5956.6	5968.4	5999.7	5980.3
7°	5708.8	5707.8	5708.8	5733.6	5728.2
8°	5412.6	5407.2	5424.5	5454.6	5475.1
9°	5103.5	5111.0	5121.8	5150.9	5127.2
10°	4755.6	4776.0	4772.8	4775.0	4798.7
11°	4354.9	4361.3	4362.4	4385.0	4381.8
12°	3884.2	3884.2	3919.7	3956.3	3944.5
13°	3409.1	3442.5	3418.8	3426.4	3473.8
14°	2855.5	2881.3	2913.7	2943.8	2920.1
15°	2305.1	2360.0	2402.0	2425.7	2403.1
17.5°	1320.6	1338.9	1374.4	1378.7	1364.7
20°	755.1	777.7	805.7	797.1	770.2
22.5°	475.0	481.5	509.5	495.5	489.0
25°	301.6	317.8	335.0	321.0	310.2
27.5°	187.4	198.2	216.5	201.4	189.6
30°	113.1	122.8	142.2	121.7	114.2
32.5°	59.2	73.2	89.4	74.3	59.2
35°	28.0	39.9	54.9	39.9	29.1
37.5°	17.2	21.5	33.4	21.5	17.2
40°	9.7	14.0	20.5	14.0	9.7
42.5°	4.3	7.5	9.7	7.5	5.4
45°	1.1	3.2	5.4	3.2	1.1
47.5°	0.0	0.0	3.2	1.1	0.0
50°	0.0	0.0	1.1	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)