

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: P1323911

Luminaire Tested: LDSQA3D13R309030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323911
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R309030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

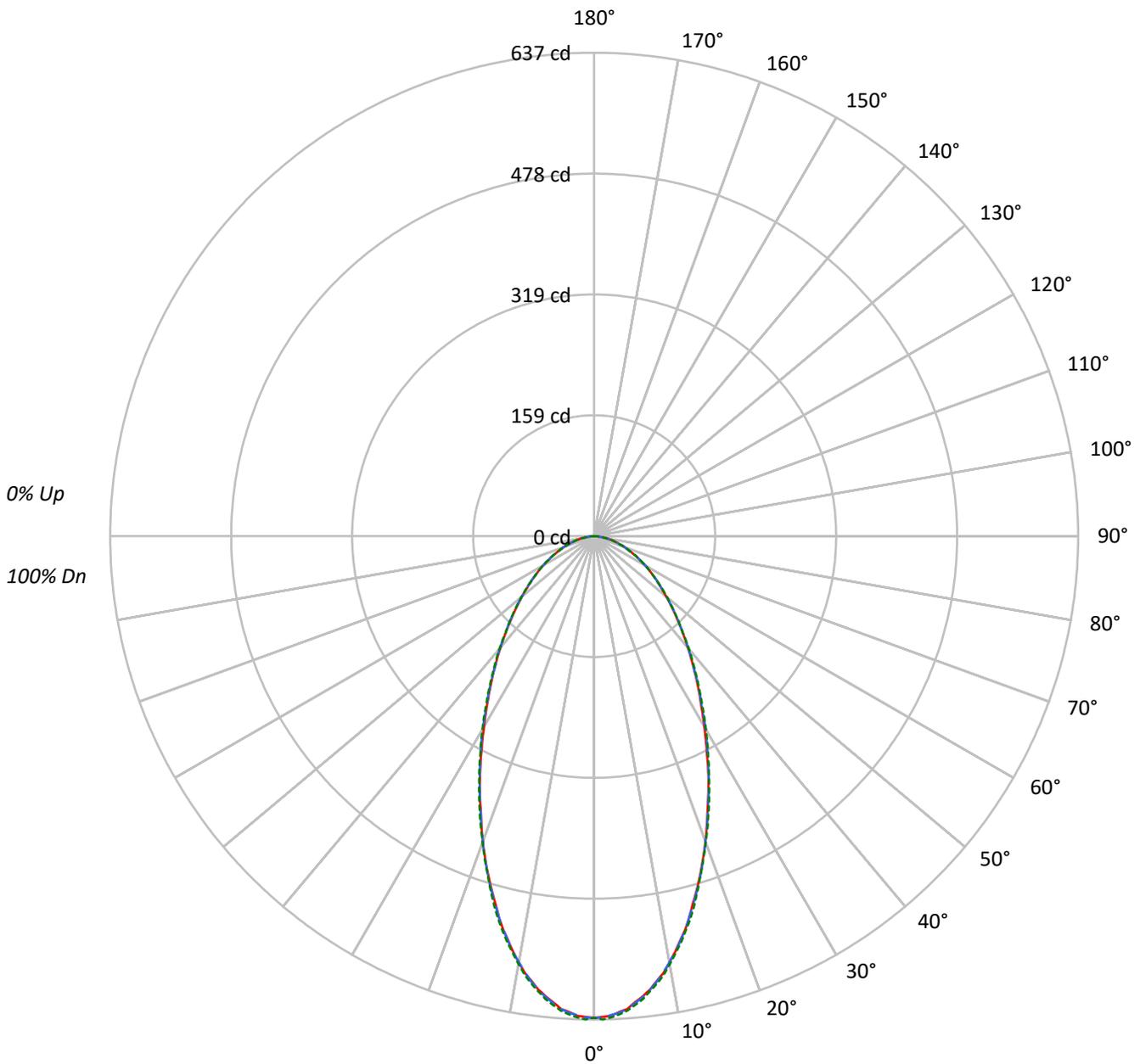
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 814.9 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.9
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	91	86	83	87	84	81	85	82	79	77
3	95	86	80	74	93	85	79	74	82	77	72	79	75	71	77	73	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61
5	83	72	64	58	81	71	63	58	69	62	57	67	61	57	65	60	56	54
6	77	66	58	52	76	65	58	52	63	57	52	62	56	51	60	55	51	49
7	72	61	53	48	71	60	53	47	58	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	48	43	54	48	43	53	47	43	52	47	43	41
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	40	38
10	61	49	42	37	60	48	42	37	48	41	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	109310	109310	109310
5°	106615	106806	107203
10°	99751	99751	100153
15°	89452	89648	90254
20°	78515	78515	78717
25°	67687	67687	68125
30°	57611	58288	58506
35°	49765	50017	50249
40°	43098	43345	43593
45°	37606	37898	37898
50°	33223	33223	33518
55°	29786	29786	29786
60°	26798	26798	26798
65°	23880	23880	23880
70°	21552	21552	21552
75°	19497	18765	18765
80°	16761	15670	15670
85°	11066	11066	11066

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
 Vertical Angle: 45°
 Luminance: 37898 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.5	7.1
10°-20°	140.1	17.2
20°-30°	163.7	20.1
30°-40°	148.9	18.3
40°-50°	120.3	14.8
50°-60°	88.8	10.9
60°-70°	58.5	7.2
70°-80°	30.2	3.7
80°-90°	6.9	0.8
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°	361.3	44.3
0°-40°	510.2	62.6
0°-60°	719.4	88.3
0°-90°	814.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	814.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	635	635	635	635	635	
5°	617	617	618	618	620	57
15°	502	503	503	503	506	140
25°	356	355	356	356	358	163
35°	237	236	238	238	239	148
45°	154	156	156	156	156	120
55°	99	98	99	98	99	89
65°	59	59	59	59	59	59
75°	29	28	28	28	28	31
85°	6	6	6	6	6	7
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	634.7	634.7	634.7	634.7	634.7
1°	633.6	633.6	634.7	633.6	637.0
2°	632.5	631.3	631.3	631.3	634.7
3°	627.9	627.9	629.1	627.9	631.3
4°	624.6	623.4	624.6	623.4	626.8
5°	616.7	616.7	617.8	617.8	620.1
6°	609.9	609.9	611.0	609.9	613.3
7°	602.0	602.0	602.0	602.0	604.3
8°	591.9	591.9	593.0	593.0	595.2
9°	582.8	581.7	581.7	581.7	585.1
10°	570.4	570.4	570.4	570.4	572.7
11°	558.0	558.0	558.0	558.0	560.3
12°	544.5	544.5	545.6	544.5	547.9
13°	532.1	532.1	532.1	532.1	534.4
14°	517.5	516.3	517.5	517.5	520.8
15°	501.7	502.8	502.8	502.8	506.2
17.5°	465.6	465.6	466.7	464.5	466.7
20°	428.4	427.3	428.4	428.4	429.5
22.5°	390.1	391.2	391.2	391.2	393.5
25°	356.2	355.1	356.2	356.2	358.5
27.5°	321.3	322.4	323.6	322.4	324.7
30°	289.7	292.0	293.1	290.9	294.2
32.5°	261.5	261.5	262.7	263.8	264.9
35°	236.7	235.6	237.9	237.9	239.0
37.5°	213.1	213.1	213.1	214.2	215.3
40°	191.7	191.7	192.8	192.8	193.9
42.5°	172.5	171.4	172.5	172.5	172.5
45°	154.4	155.6	155.6	155.6	155.6
47.5°	138.7	138.7	139.8	138.7	139.8
50°	124.0	124.0	124.0	124.0	125.1
52.5°	110.5	110.5	110.5	110.5	111.6
55°	99.2	98.1	99.2	98.1	99.2
57.5°	87.9	87.9	87.9	87.9	87.9
60°	77.8	76.7	77.8	76.7	77.8
62.5°	67.6	67.6	67.6	67.6	67.6
65°	58.6	58.6	58.6	58.6	58.6
67.5°	50.7	50.7	50.7	49.6	49.6
70°	42.8	42.8	42.8	42.8	42.8
72.5°	36.1	34.9	34.9	34.9	34.9
75°	29.3	28.2	28.2	28.2	28.2
77.5°	22.5	22.5	21.4	21.4	22.5
80°	16.9	15.8	15.8	15.8	15.8
82.5°	10.1	10.1	10.1	10.1	10.1
85°	5.6	5.6	5.6	5.6	5.6
87.5°	1.1	1.1	1.1	2.3	2.3



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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)