

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: P1323732

Luminaire Tested: LDSQA3D09R209030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323732
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R209030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

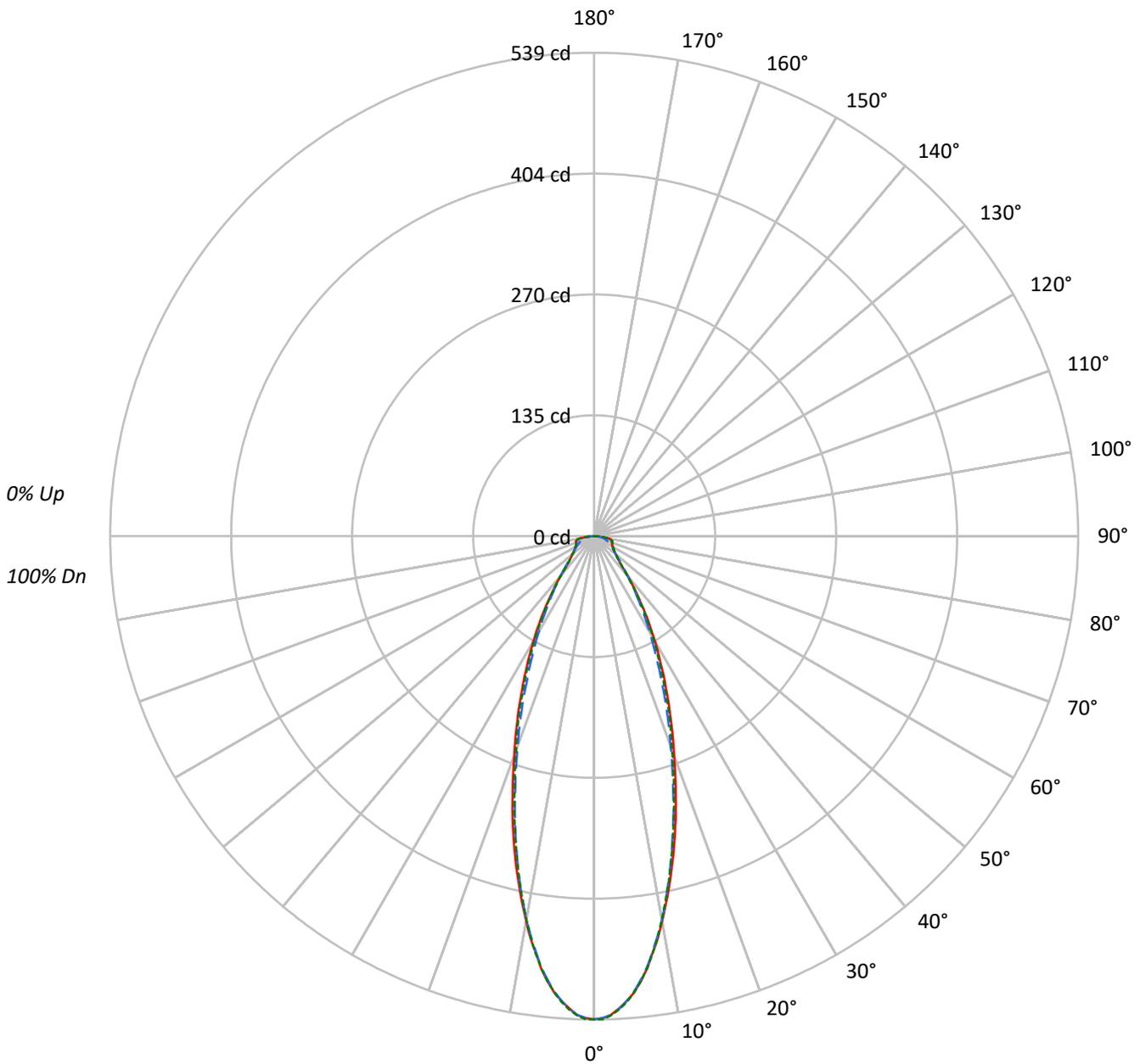
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 380.0 lumens
Efficiency: N/A
Efficacy: 25.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.6 / 0.65
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	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	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	91	91	91	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	82	82	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	74	74	74	72
4	92	83	76	71	90	82	75	71	79	74	70	77	73	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	70	65	74	68	64	72	67	63	71	66	63	63	63	63	61
6	82	72	65	60	81	71	65	60	69	64	59	68	63	59	67	62	59	59	59	59	57
7	78	67	61	56	77	67	60	56	65	60	55	64	59	55	63	58	55	55	55	55	53
8	74	63	57	52	73	63	57	52	62	56	52	61	55	52	60	55	51	51	51	51	50
9	71	60	53	49	69	59	53	49	58	53	49	57	52	49	57	52	48	48	48	48	47
10	67	57	50	46	66	56	50	46	55	50	46	55	50	46	54	49	46	46	46	46	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	92794	92794	92794
5°	88307	88065	88307
10°	76230	75985	75880
15°	61869	60425	60675
20°	47670	45581	46442
25°	36200	33540	35193
30°	26847	24460	26051
35°	18985	17703	18691
40°	13085	13085	12770
45°	9596	10083	9596
50°	8413	8413	8413
55°	8017	7837	8017
60°	8301	7612	8301
65°	9006	7621	9006
70°	10776	7755	10776
75°	13774	8451	13774
80°	17257	8629	16563
85°	13239	7904	14623

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 17257 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	12.2
10°-20°	94.4	24.8
20°-30°	84.3	22.2
30°-40°	55.3	14.6
40°-50°	32.2	8.5
50°-60°	23.9	6.3
60°-70°	20.2	5.3
70°-80°	16.7	4.4
80°-90°	7.0	1.8
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°	224.9	59.2
0°-40°	280.2	73.7
0°-60°	336.2	88.5
0°-90°	380.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	380.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	539	539	539	539	539	
5°	511	510	509	510	511	46
15°	347	344	339	340	340	96
25°	190	185	176	181	185	88
35°	90	88	84	87	89	57
45°	39	40	41	40	39	32
55°	27	26	26	26	27	24
65°	22	20	19	20	22	22
75°	21	15	13	15	21	21
85°	7	7	4	7	7	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	538.8	538.8	538.8	538.8	538.8
1°	537.5	538.2	537.5	538.2	538.8
2°	534.2	534.8	534.2	534.2	534.8
3°	527.5	528.1	528.1	528.1	528.8
4°	519.5	520.1	519.5	520.1	520.8
5°	510.8	510.1	509.4	510.1	510.8
6°	498.7	498.1	497.4	498.1	498.7
7°	485.4	484.7	484.0	484.0	484.7
8°	468.6	469.3	467.3	468.6	469.3
9°	453.9	452.6	451.3	451.3	452.6
10°	435.9	434.5	434.5	433.9	433.9
12.5°	391.8	389.1	387.1	387.1	387.7
15°	347.0	343.6	338.9	339.6	340.3
17.5°	302.2	298.2	292.1	293.5	294.8
20°	260.1	256.0	248.7	251.4	253.4
22.5°	224.0	217.9	211.3	213.3	219.9
25°	190.5	185.2	176.5	181.2	185.2
27.5°	161.1	155.1	147.7	152.4	156.4
30°	135.0	129.7	123.0	127.0	131.0
32.5°	111.6	107.0	102.3	105.0	108.3
35°	90.3	87.6	84.2	86.9	88.9
37.5°	72.9	71.5	70.2	71.5	70.9
40°	58.2	58.8	58.2	58.2	56.8
42.5°	46.1	48.1	48.8	47.5	46.1
45°	39.4	40.1	41.4	40.1	39.4
47.5°	34.8	34.8	35.4	34.8	34.1
50°	31.4	31.4	31.4	31.4	31.4
52.5°	28.7	28.7	28.1	28.7	28.7
55°	26.7	26.1	26.1	26.1	26.7
57.5°	25.4	24.7	24.1	24.7	25.4
60°	24.1	22.7	22.1	22.7	24.1
62.5°	22.7	21.4	20.7	21.4	22.7
65°	22.1	20.1	18.7	20.1	22.1
67.5°	21.4	18.7	17.4	18.7	22.1
70°	21.4	17.4	15.4	18.1	21.4
72.5°	20.7	16.7	14.0	16.7	20.7
75°	20.7	15.4	12.7	15.4	20.7
77.5°	19.4	14.0	10.7	14.0	19.4
80°	17.4	12.7	8.7	12.7	16.7
82.5°	12.7	10.7	6.7	10.7	12.7
85°	6.7	7.4	4.0	7.4	7.4
87.5°	0.7	2.7	1.3	4.0	3.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)