

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: P1323440

Luminaire Tested: LDSQA3D02R209030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

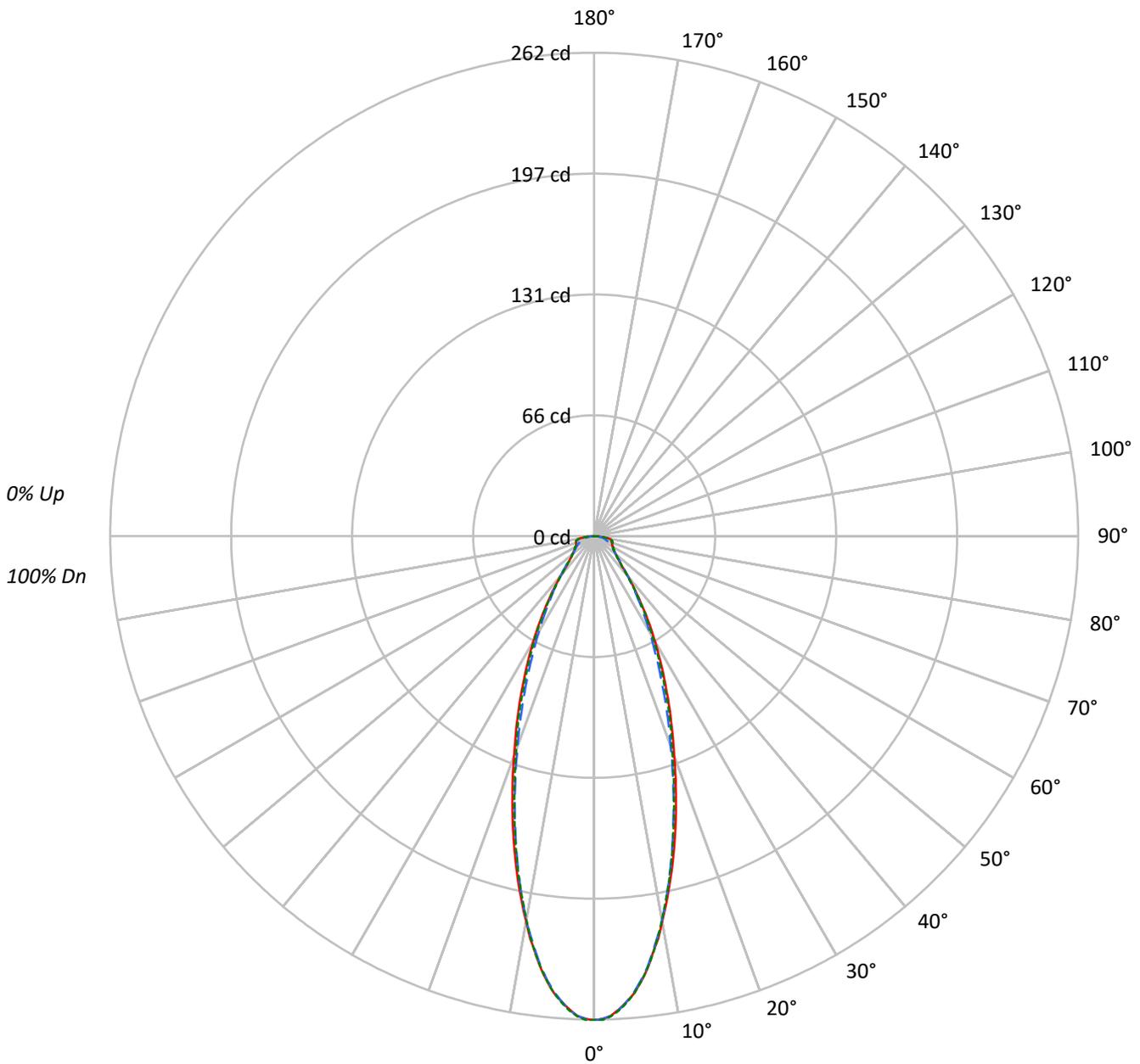
Test Method: LM-79-2019  
Report Number: P1323440  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R209030D2WDE010 3LSQPHRLP1MW  
Description: 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: 185.0 lumens  
Efficiency: N/A  
Efficacy: 25.7 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): 7.2  
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	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°	45174	45174	45174
5°	42995	42874	42995
10°	37109	37004	36935
15°	30115	29419	29544
20°	23203	22195	22616
25°	17634	16323	17140
30°	13065	11912	12688
35°	9230	8620	9104
40°	6362	6362	6228
45°	4676	4920	4676
50°	4099	4099	4099
55°	3903	3813	3903
60°	4030	3686	4030
65°	4360	3708	4360
70°	5237	3777	5237
75°	6721	4126	6721
80°	8430	4166	8034
85°	6521	3952	7114

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 8430 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	22.5	12.2
10°-20°	45.9	24.8
20°-30°	41.0	22.2
30°-40°	26.9	14.6
40°-50°	15.7	8.5
50°-60°	11.6	6.3
60°-70°	9.8	5.3
70°-80°	8.1	4.4
80°-90°	3.4	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°	109.5	59.2
0°-40°	136.4	73.7
0°-60°	163.7	88.5
0°-90°	185.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	185.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	262	262	262	262	262	
5°	249	248	248	248	249	23
15°	169	167	165	165	166	47
25°	93	90	86	88	90	43
35°	44	43	41	42	43	28
45°	19	20	20	20	19	15
55°	13	13	13	13	13	12
65°	11	10	9	10	11	11
75°	10	8	6	8	10	10
85°	3	4	2	4	4	4
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	262.3	262.3	262.3	262.3	262.3
1°	261.7	262.0	261.7	262.0	262.3
2°	260.1	260.4	260.1	260.1	260.4
3°	256.8	257.1	257.1	257.1	257.4
4°	252.9	253.2	252.9	253.2	253.5
5°	248.7	248.3	248.0	248.3	248.7
6°	242.8	242.5	242.1	242.5	242.8
7°	236.3	236.0	235.6	235.6	236.0
8°	228.2	228.5	227.5	228.2	228.5
9°	221.0	220.3	219.7	219.7	220.3
10°	212.2	211.6	211.6	211.2	211.2
12.5°	190.7	189.4	188.4	188.4	188.8
15°	168.9	167.3	165.0	165.3	165.7
17.5°	147.1	145.2	142.2	142.9	143.5
20°	126.6	124.7	121.1	122.4	123.4
22.5°	109.0	106.1	102.8	103.8	107.1
25°	92.8	90.2	85.9	88.2	90.2
27.5°	78.4	75.5	71.9	74.2	76.2
30°	65.7	63.1	59.9	61.8	63.8
32.5°	54.4	52.1	49.8	51.1	52.7
35°	43.9	42.6	41.0	42.3	43.3
37.5°	35.5	34.8	34.2	34.8	34.5
40°	28.3	28.6	28.3	28.3	27.7
42.5°	22.5	23.4	23.8	23.1	22.5
45°	19.2	19.5	20.2	19.5	19.2
47.5°	16.9	16.9	17.2	16.9	16.6
50°	15.3	15.3	15.3	15.3	15.3
52.5°	14.0	14.0	13.7	14.0	14.0
55°	13.0	12.7	12.7	12.7	13.0
57.5°	12.4	12.0	11.7	12.0	12.4
60°	11.7	11.1	10.7	11.1	11.7
62.5°	11.1	10.4	10.1	10.4	11.1
65°	10.7	9.8	9.1	9.8	10.7
67.5°	10.4	9.1	8.5	9.1	10.7
70°	10.4	8.5	7.5	8.8	10.4
72.5°	10.1	8.1	6.8	8.1	10.1
75°	10.1	7.5	6.2	7.5	10.1
77.5°	9.4	6.8	5.2	6.8	9.4
80°	8.5	6.2	4.2	6.2	8.1
82.5°	6.2	5.2	3.3	5.2	6.2
85°	3.3	3.6	2.0	3.6	3.6
87.5°	0.3	1.3	0.7	2.0	1.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)