

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: P1323457

Luminaire Tested: LDSQA3D02R259030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

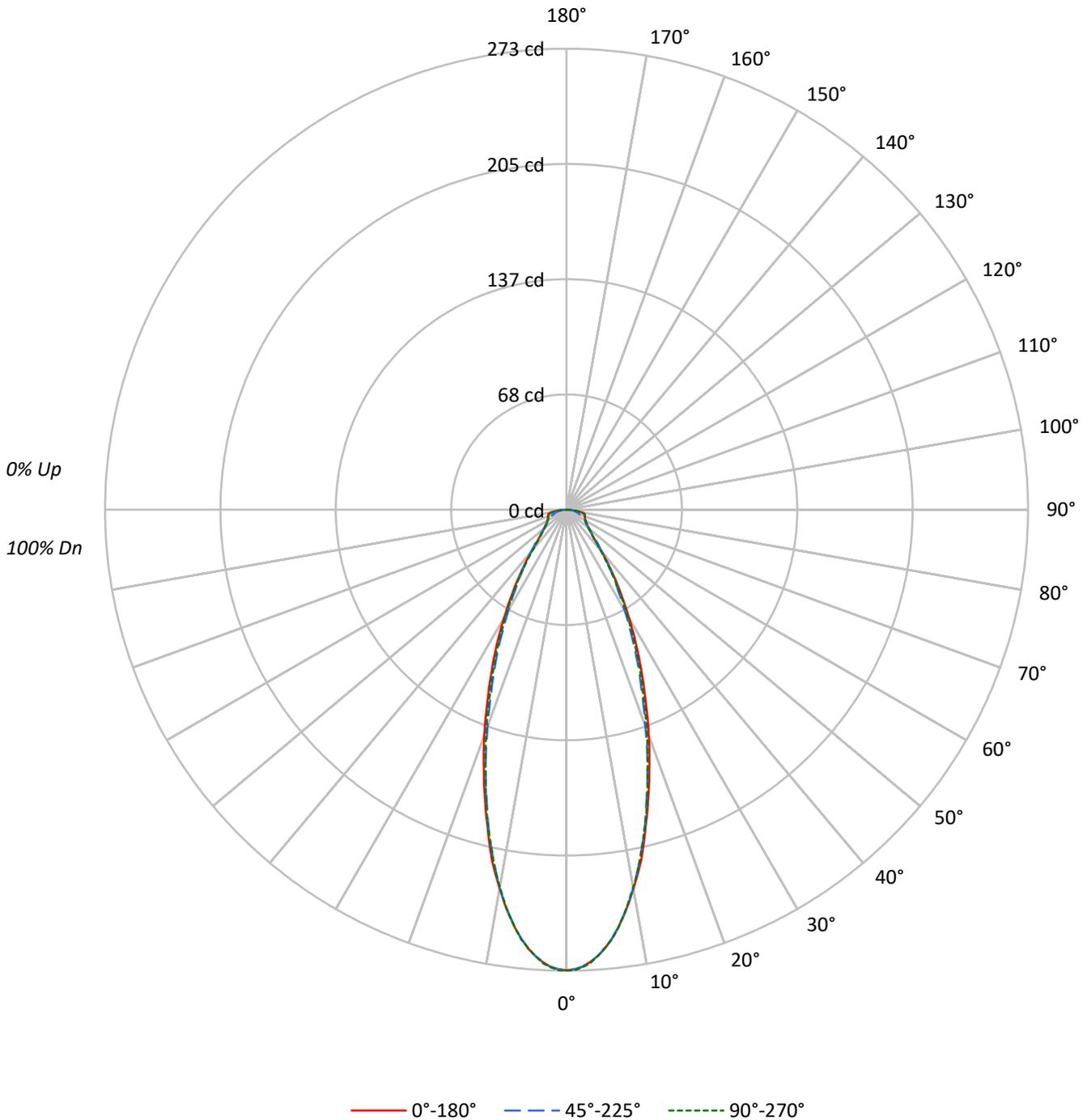
Test Method: LM-79-2019  
Report Number: P1323457  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R259030D2WDE010 3LSQPHRLP1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 206.0 lumens  
Efficiency: N/A  
Efficacy: 28.6 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68  
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





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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	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	46982	46982	46982
5°	45070	45018	45018
10°	39838	39785	39680
15°	32914	32432	32611
20°	26062	24999	25420
25°	19858	18794	19307
30°	14637	13602	14179
35°	10470	9987	10134
40°	7172	7307	6947
45°	5310	5626	5237
50°	4635	4635	4528
55°	4384	4204	4384
60°	4478	4133	4478
65°	4890	4238	4890
70°	5891	4280	5740
75°	7386	4525	7386
80°	9323	4860	8728
85°	7707	4545	7707

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 9323 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	23.8	11.6
10°-20°	50.6	24.5
20°-30°	46.4	22.5
30°-40°	30.6	14.8
40°-50°	17.8	8.6
50°-60°	13.0	6.3
60°-70°	11.0	5.4
70°-80°	9.1	4.4
80°-90°	3.8	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°	120.7	58.6
0°-40°	151.3	73.4
0°-60°	182.1	88.4
0°-90°	206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	273	273	273	273	273	
5°	261	260	260	261	260	24
15°	185	184	182	183	183	51
25°	104	102	99	99	102	48
35°	50	49	48	48	48	32
45°	22	22	23	22	22	18
55°	15	15	14	14	15	13
65°	12	11	10	11	12	12
75°	11	8	7	8	11	12
85°	4	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°	272.8	272.8	272.8	272.8	272.8
1°	272.1	272.1	272.1	272.1	272.8
2°	270.8	270.5	270.8	270.8	271.1
3°	268.2	268.2	268.2	268.2	268.9
4°	264.9	264.9	264.9	264.9	264.9
5°	260.7	260.4	260.4	260.7	260.4
6°	255.5	255.5	255.5	255.5	255.8
7°	249.6	249.3	249.3	249.0	249.6
8°	242.8	242.8	242.5	242.2	242.8
9°	235.7	236.0	235.3	235.0	235.0
10°	227.8	227.5	227.5	227.5	226.9
11°	220.0	219.1	218.7	218.7	219.4
12°	212.2	210.6	209.9	209.9	209.9
13°	202.8	202.1	201.2	200.5	200.8
14°	193.3	193.3	191.7	191.7	192.4
15°	184.6	183.9	181.9	182.6	182.9
17.5°	162.7	161.4	159.2	159.2	159.5
20°	142.2	140.0	136.4	138.0	138.7
22.5°	122.1	119.8	116.2	117.8	118.5
25°	104.5	101.6	98.9	99.3	101.6
27.5°	88.5	85.3	82.7	83.7	85.0
30°	73.6	71.6	68.4	70.0	71.3
32.5°	60.9	59.2	57.0	57.9	59.2
35°	49.8	48.8	47.5	47.5	48.2
37.5°	40.4	40.0	39.4	39.1	38.7
40°	31.9	32.5	32.5	31.9	30.9
42.5°	26.0	26.7	27.3	26.0	25.1
45°	21.8	22.5	23.1	21.8	21.5
47.5°	19.2	19.5	19.9	19.2	18.9
50°	17.3	17.3	17.3	16.9	16.9
52.5°	15.9	15.6	15.3	15.6	15.6
55°	14.6	14.6	14.0	14.3	14.6
57.5°	13.7	13.3	13.0	13.3	13.7
60°	13.0	12.4	12.0	12.4	13.0
62.5°	12.4	11.7	11.1	11.7	12.4
65°	12.0	11.1	10.4	11.1	12.0
67.5°	11.7	10.4	9.4	10.4	11.7
70°	11.7	9.8	8.5	9.8	11.4
72.5°	11.4	9.1	7.8	9.1	11.4
75°	11.1	8.5	6.8	8.5	11.1
77.5°	10.7	7.8	5.9	7.8	10.4
80°	9.4	7.2	4.9	7.2	8.8
82.5°	6.8	5.9	3.9	5.9	6.5
85°	3.9	4.2	2.3	4.2	3.9
87.5°	0.7	1.0	0.7	1.6	1.3



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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)