

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: P1324041

Luminaire Tested: LDSQA3D17R259030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

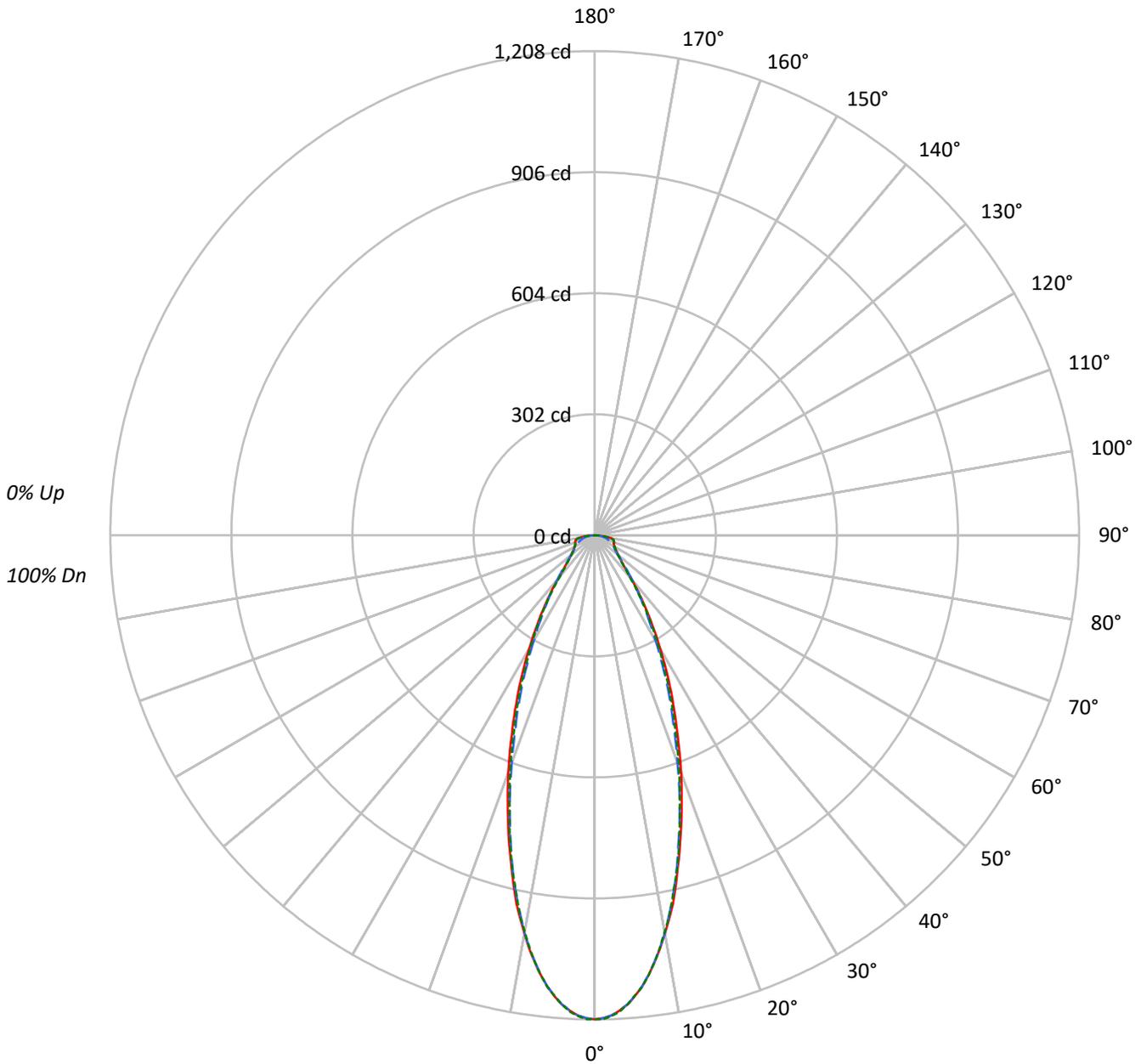
Test Method: LM-79-2019  
Report Number: P1324041  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R259030D2WDE010 3LSQPHRLP1MW  
Description: 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: 912.0 lumens  
Efficiency: N/A  
Efficacy: 33.4 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): 27.3  
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	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	81	81	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	74	74	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	63	63	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	58	58	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	54	54	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	51	51	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	45	45	45	44

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

	0°	45°	90°
0°	207976	207976	207976
5°	199539	199297	199297
10°	176401	176156	175649
15°	145669	143619	144386
20°	115409	110662	112513
25°	87906	83251	85436
30°	64771	60177	62762
35°	46359	44236	44845
40°	31745	32397	30778
45°	23504	24916	23163
50°	20470	20470	20068
55°	19457	18616	19457
60°	19840	18359	19840
65°	21720	18786	21720
70°	26134	18883	25379
75°	32605	20162	32605
80°	41457	21423	38581
85°	34185	19958	34185

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 41457 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	105.4	11.6
10°-20°	223.9	24.6
20°-30°	205.2	22.5
30°-40°	135.3	14.8
40°-50°	78.8	8.6
50°-60°	57.5	6.3
60°-70°	48.9	5.4
70°-80°	40.4	4.4
80°-90°	16.7	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°	534.4	58.6
0°-40°	669.8	73.4
0°-60°	806.1	88.4
0°-90°	912.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1208	1208	1208	1208	1208	
5°	1154	1153	1153	1154	1153	105
15°	817	814	806	808	810	226
25°	463	450	438	440	450	213
35°	220	216	210	210	213	139
45°	96	99	102	96	95	78
55°	65	65	62	63	65	59
65°	53	49	46	49	53	53
75°	49	38	30	38	49	51
85°	17	19	10	19	17	19
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1207.6	1207.6	1207.6	1207.6	1207.6
1°	1204.7	1204.7	1204.7	1204.7	1207.6
2°	1198.9	1197.5	1198.9	1198.9	1200.4
3°	1187.4	1187.4	1187.4	1187.4	1190.3
4°	1173.0	1173.0	1173.0	1173.0	1173.0
5°	1154.2	1152.8	1152.8	1154.2	1152.8
6°	1131.2	1131.2	1131.2	1131.2	1132.6
7°	1105.2	1103.8	1103.8	1102.4	1105.2
8°	1075.0	1075.0	1073.5	1072.1	1075.0
9°	1043.3	1044.7	1041.8	1040.4	1040.4
10°	1008.7	1007.3	1007.3	1007.3	1004.4
11°	974.1	969.8	968.4	968.4	971.2
12°	939.5	932.3	929.4	929.4	929.4
13°	897.7	894.9	890.5	887.7	889.1
14°	856.0	856.0	848.7	848.7	851.6
15°	817.0	814.2	805.5	808.4	809.8
17.5°	720.5	714.7	704.6	704.6	706.1
20°	629.7	619.6	603.8	611.0	613.9
22.5°	540.4	530.3	514.4	521.6	524.5
25°	462.6	449.6	438.1	439.5	449.6
27.5°	392.0	377.5	366.0	370.3	376.1
30°	325.7	317.0	302.6	309.8	315.6
32.5°	269.5	262.3	252.2	256.5	262.3
35°	220.5	216.1	210.4	210.4	213.3
37.5°	178.7	177.2	174.4	172.9	171.5
40°	141.2	144.1	144.1	141.2	136.9
42.5°	115.3	118.2	121.0	115.3	111.0
45°	96.5	99.4	102.3	96.5	95.1
47.5°	85.0	86.5	87.9	85.0	83.6
50°	76.4	76.4	76.4	74.9	74.9
52.5°	70.6	69.2	67.7	69.2	69.2
55°	64.8	64.8	62.0	63.4	64.8
57.5°	60.5	59.1	57.6	59.1	60.5
60°	57.6	54.8	53.3	54.8	57.6
62.5°	54.8	51.9	49.0	51.9	54.8
65°	53.3	49.0	46.1	49.0	53.3
67.5°	51.9	46.1	41.8	46.1	51.9
70°	51.9	43.2	37.5	43.2	50.4
72.5°	50.4	40.3	34.6	40.3	50.4
75°	49.0	37.5	30.3	37.5	49.0
77.5°	47.6	34.6	25.9	34.6	46.1
80°	41.8	31.7	21.6	31.7	38.9
82.5°	30.3	25.9	17.3	25.9	28.8
85°	17.3	18.7	10.1	18.7	17.3
87.5°	2.9	4.3	2.9	7.2	5.8



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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)