

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: P1323887

Luminaire Tested: LDSQA3D13R259030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

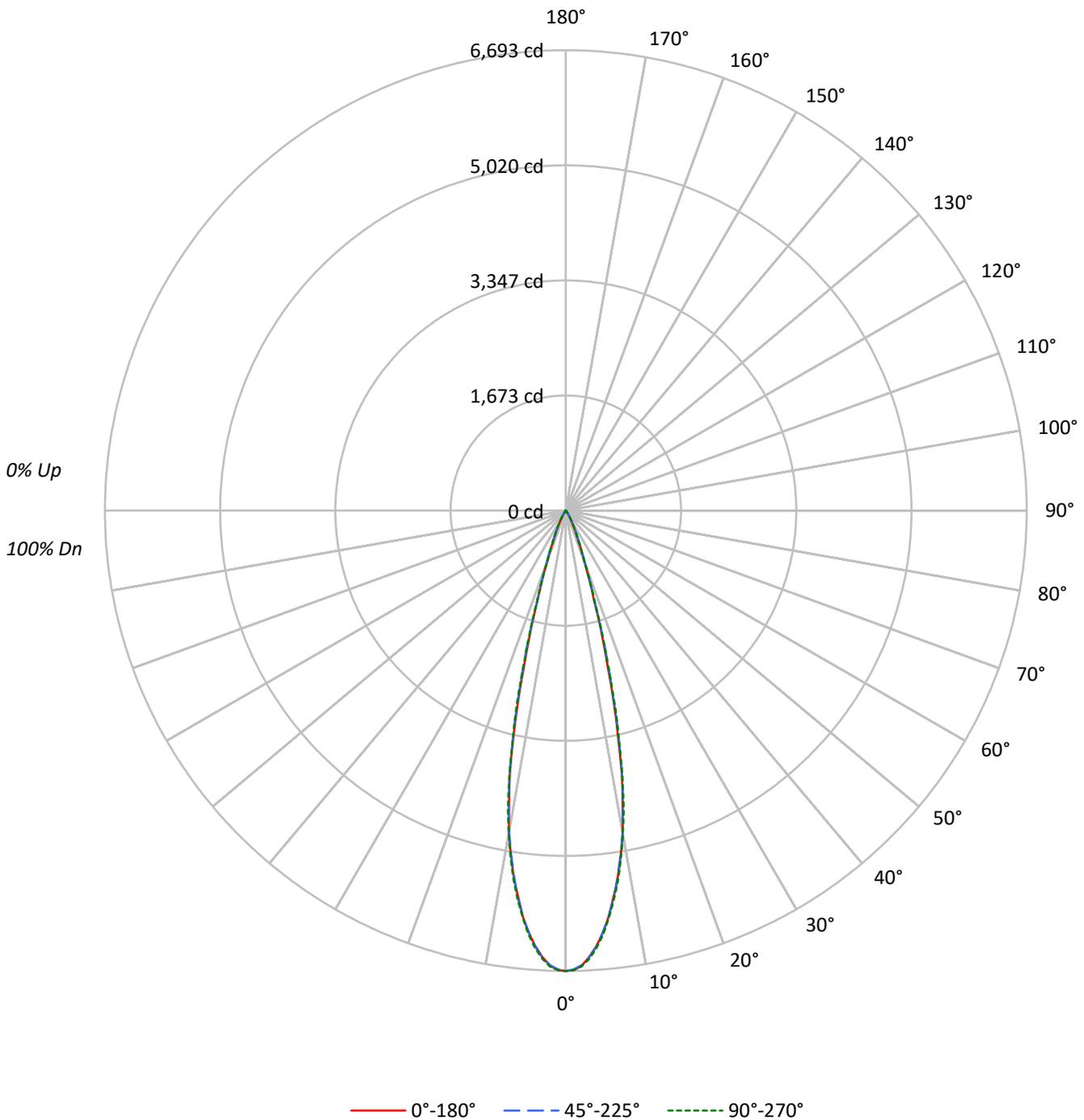
Test Method: LM-79-2019  
Report Number: P1323887  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R259030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1414.1 lumens  
Efficiency: N/A  
Efficacy: 70.4 lumens/watt  
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41  
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 (A<sub>in</sub>): 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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99	100	
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	97	
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94	94	
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91	91	
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89	89	
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86	86	
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84	84	
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82	82	
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80	80	
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78	78	
10	90	84	80	78	89	83	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76	

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

	0°	45°	90°
0°	1152738	1152738	1152738
5°	1064754	1064373	1070338
10°	831727	829471	835119
15°	418430	435903	435529
20°	143175	147115	144751
25°	57540	64704	59991
30°	23347	27861	22710
35°	6791	12236	6791
40°	3147	5328	3147
45°	1047	2095	1047
50°	589	857	589
55°	661	661	661
60°	758	758	758
65°	448	448	448
70°	554	554	554
75°	732	732	732
80°	0	1091	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 2095 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	543.0	38.4
10°-20°	664.6	47.0
20°-30°	162.4	11.5
30°-40°	33.6	2.4
40°-50°	5.9	0.4
50°-60°	2.0	0.1
60°-70°	1.6	0.1
70°-80°	1.1	0.1
80°-90°	0.0	0.0
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°	1370.0	96.9
0°-40°	1403.6	99.3
0°-60°	1411.4	99.8
0°-90°	1414.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1414.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	6693	6693	6693	6693	6693	
5°	6159	6164	6157	6170	6191	543
15°	2347	2387	2445	2456	2443	655
25°	303	317	340	321	316	155
35°	32	45	58	44	32	28
45°	4	6	9	6	4	4
55°	2	2	2	2	2	2
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	6693.3	6693.3	6693.3	6693.3	6693.3
1°	6680.4	6671.8	6669.6	6670.7	6681.5
2°	6620.1	6614.7	6613.6	6616.8	6631.9
3°	6497.2	6503.7	6505.8	6516.6	6524.2
4°	6346.4	6359.3	6353.9	6366.8	6375.5
5°	6158.9	6164.3	6156.7	6169.7	6191.2
6°	5940.2	5920.8	5939.1	5944.5	5959.6
7°	5667.6	5671.9	5678.3	5684.8	5707.4
8°	5399.3	5386.3	5383.1	5413.3	5431.6
9°	5085.7	5087.9	5076.0	5110.5	5115.9
10°	4756.0	4729.1	4743.1	4770.0	4775.4
11°	4320.7	4313.2	4333.6	4375.7	4409.1
12°	3912.3	3916.6	3938.2	3952.2	3944.7
13°	3372.5	3404.8	3431.8	3445.8	3427.5
14°	2884.4	2884.4	2918.9	2924.3	2990.0
15°	2346.8	2386.6	2444.8	2455.6	2442.7
17.5°	1355.5	1360.9	1388.9	1387.8	1408.3
20°	781.2	788.7	802.7	799.5	789.8
22.5°	469.8	485.9	519.3	492.4	484.9
25°	302.8	316.8	340.5	321.1	315.7
27.5°	189.6	199.3	217.7	200.4	191.8
30°	117.4	122.8	140.1	123.9	114.2
32.5°	63.6	77.6	91.6	77.6	63.6
35°	32.3	45.3	58.2	44.2	32.3
37.5°	21.5	25.9	37.7	24.8	21.5
40°	14.0	17.2	23.7	17.2	14.0
42.5°	7.5	10.8	12.9	11.9	7.5
45°	4.3	6.5	8.6	6.5	4.3
47.5°	3.2	3.2	5.4	3.2	2.2
50°	2.2	2.2	3.2	2.2	2.2
52.5°	2.2	2.2	2.2	2.2	2.2
55°	2.2	2.2	2.2	2.2	2.2
57.5°	2.2	2.2	2.2	2.2	2.2
60°	2.2	2.2	2.2	2.2	2.2
62.5°	2.2	2.2	2.2	2.2	2.2
65°	1.1	2.2	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1
80°	0.0	0.0	1.1	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)