

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: P1323599

Luminaire Tested: LDSQA3D05R259030D2WDE010 3LSQPHRL1MB

Issue Date: 1/29/2026

**Test Information**

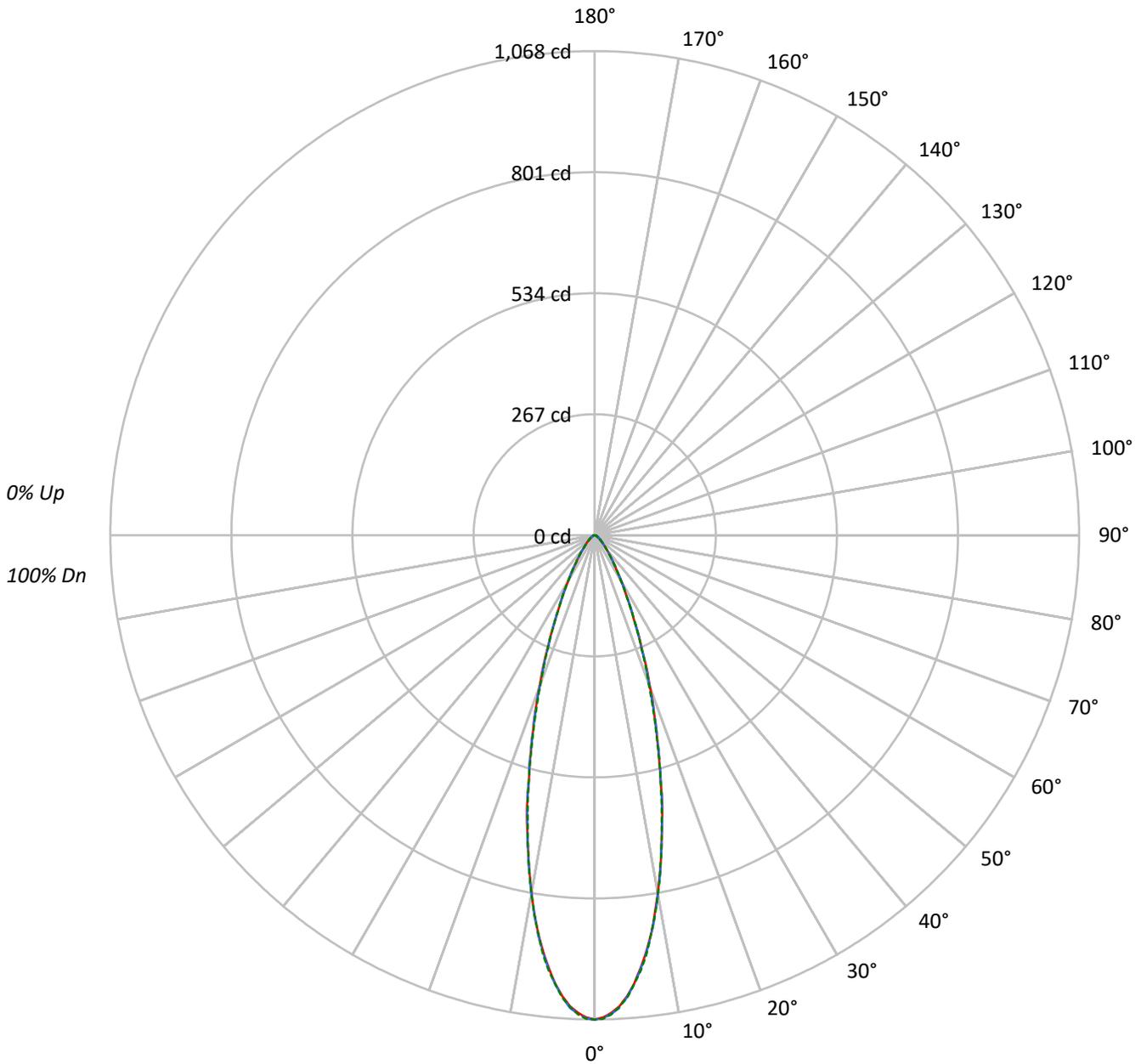
Test Method: LM-79-2019  
Report Number: P1323599  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R259030D2WDE010 3LSQPHRL1MB  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRL1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 428.0 lumens  
Efficiency: N/A  
Efficacy: 38.6 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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



— 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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	93	92	90	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	89	87	85	83
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	85	82	80	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	82	78	76	74
6	91	83	78	74	90	82	77	73	81	76	73	79	76	72	78	75	72	78	75	72	71
7	87	79	74	70	86	78	73	70	77	73	69	76	72	69	75	71	69	75	71	69	67
8	84	76	70	67	83	75	70	66	74	69	66	73	69	66	72	68	66	72	68	66	64
9	81	72	67	64	80	72	67	63	71	66	63	70	66	63	69	66	63	69	66	63	62
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	67	63	60	59

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

	0°	45°	90°
0°	183968	183968	183968
5°	171705	171878	171964
10°	140061	140498	140498
15°	100043	100578	100043
20°	65466	64825	63908
25°	38917	39107	38917
30°	23446	23446	23347
35°	14276	14381	14276
40°	9105	9218	9218
45°	6333	6333	6333
50°	4555	4689	4689
55°	3603	3603	3753
60°	2928	3100	3100
65°	2649	2649	2649
70°	2266	2266	2518
75°	1996	1996	2329
80°	1984	1984	1984
85°	988	988	988

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6333 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	88.8	20.7
10°-20°	154.7	36.1
20°-30°	97.3	22.7
30°-40°	44.5	10.4
40°-50°	20.8	4.9
50°-60°	11.2	2.6
60°-70°	6.6	1.5
70°-80°	3.4	0.8
80°-90°	0.8	0.2
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°	340.8	79.6
0°-40°	385.2	90.0
0°-60°	417.2	97.5
0°-90°	428.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	428.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1068	1068	1068	1068	1068	
5°	993	995	994	995	995	89
15°	561	565	564	565	561	155
25°	205	207	206	206	205	97
35°	68	68	68	68	68	44
45°	26	26	26	26	26	21
55°	12	12	12	12	12	11
65°	6	6	6	6	6	6
75°	3	3	3	4	4	3
85°	0	0	0	0	0	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1068.2	1068.2	1068.2	1068.2	1068.2
1°	1063.7	1064.7	1065.7	1067.2	1066.7
2°	1053.7	1055.7	1056.2	1058.2	1057.7
3°	1040.2	1039.7	1043.7	1043.7	1041.2
4°	1019.2	1020.2	1021.2	1022.2	1022.7
5°	993.2	995.2	994.2	995.2	994.7
6°	961.3	964.3	963.8	964.8	966.3
7°	927.3	929.3	929.3	928.3	932.3
8°	890.3	888.8	891.3	890.3	889.8
9°	846.3	849.3	849.8	847.3	848.3
10°	800.9	802.9	803.4	804.9	803.4
11°	755.9	755.9	756.9	759.4	755.4
12°	707.0	711.4	707.0	708.9	707.0
13°	660.5	661.5	660.5	660.0	656.5
14°	616.5	613.0	614.0	610.0	610.5
15°	561.1	564.6	564.1	565.1	561.1
17.5°	451.1	453.1	452.6	451.6	446.7
20°	357.2	357.2	353.7	351.7	348.7
22.5°	272.8	271.8	270.3	268.8	269.8
25°	204.8	207.3	205.8	205.8	204.8
27.5°	154.9	157.9	155.4	153.9	154.9
30°	117.9	118.9	117.9	117.4	117.4
32.5°	88.9	89.4	88.9	88.9	88.9
35°	67.9	67.9	68.4	68.4	67.9
37.5°	52.5	52.5	52.5	52.5	53.0
40°	40.5	41.0	41.0	41.0	41.0
42.5°	32.0	32.5	32.5	32.5	32.5
45°	26.0	26.0	26.0	26.0	26.0
47.5°	21.0	21.0	21.0	21.0	21.5
50°	17.0	17.5	17.5	17.5	17.5
52.5°	14.5	14.5	14.5	14.5	14.5
55°	12.0	12.0	12.0	12.5	12.5
57.5°	10.0	10.0	10.5	10.5	10.5
60°	8.5	9.0	9.0	9.0	9.0
62.5°	7.5	7.5	8.0	8.0	8.0
65°	6.5	6.5	6.5	6.5	6.5
67.5°	5.5	5.5	5.5	5.5	6.0
70°	4.5	4.5	4.5	5.0	5.0
72.5°	4.0	4.0	4.0	4.0	4.0
75°	3.0	3.0	3.0	3.5	3.5
77.5°	2.5	2.5	2.5	2.5	2.5
80°	2.0	2.0	2.0	2.0	2.0
82.5°	1.0	1.0	1.5	1.5	1.5
85°	0.5	0.5	0.5	0.5	0.5
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)