

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: P1323584

Luminaire Tested: LDSQA3D05R209030D2WDE010 3LSQPHRL1MW

Issue Date: 1/29/2026

**Test Information**

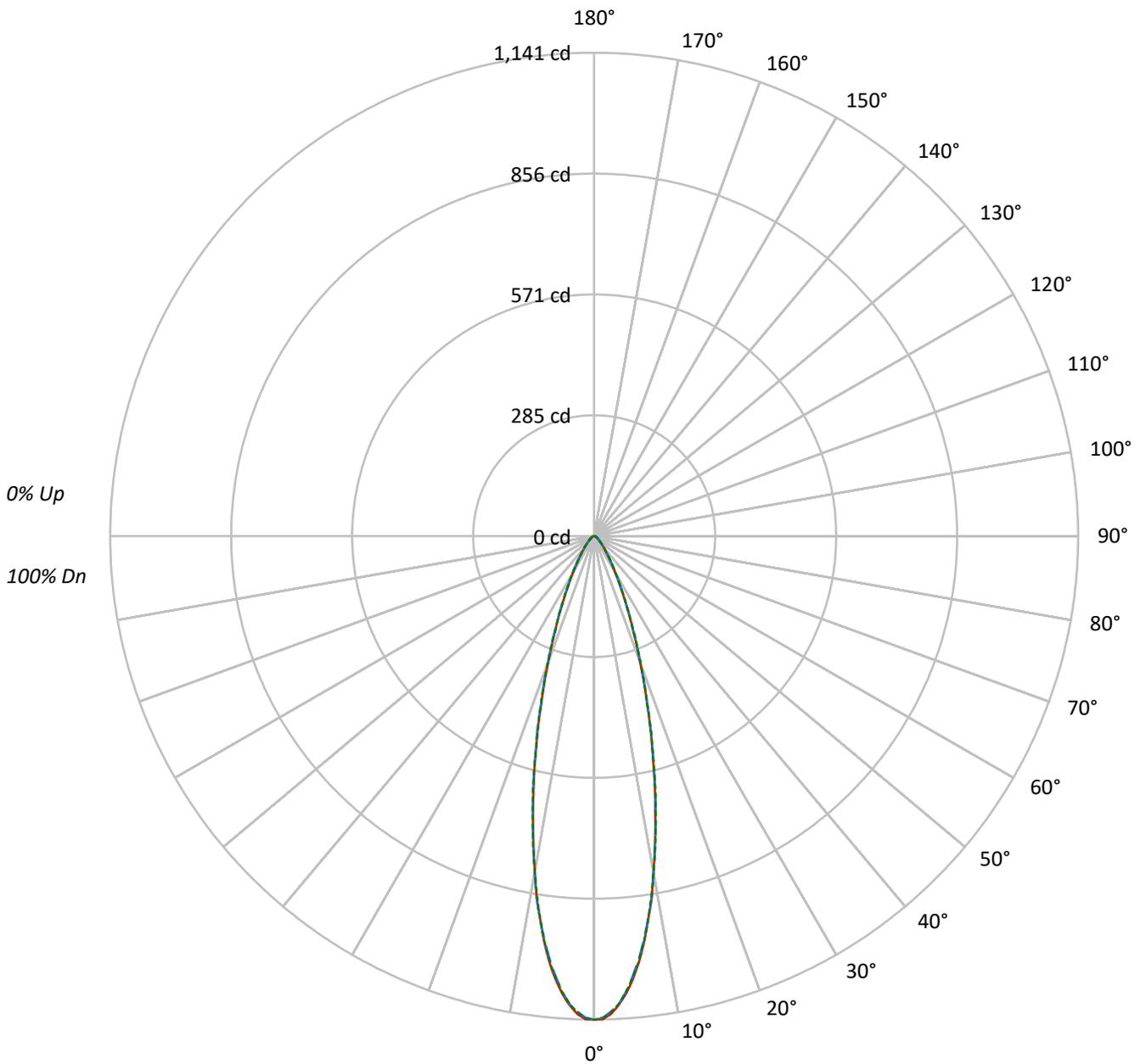
Test Method: LM-79-2019  
Report Number: P1323584  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R209030D2WDE010 3LSQPHRL1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 401.0 lumens  
Efficiency: N/A  
Efficacy: 36.1 lumens/watt  
Spacing Criteria (0/90/45): 0.48 / 0.48 / 0.5  
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 (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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	101	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	87	90	87	85	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79
5	96	88	83	79	94	87	82	79	86	81	78	84	80	77	82	79	77	75
6	92	84	79	75	90	83	78	75	82	77	74	80	77	74	79	76	73	72
7	88	80	75	71	87	80	75	71	78	74	71	77	73	70	76	73	70	69
8	85	77	72	68	84	76	71	68	75	71	68	74	70	67	73	70	67	66
9	82	74	69	65	81	73	68	65	72	68	65	71	67	65	71	67	64	63
10	79	71	66	62	78	70	66	62	70	65	62	69	65	62	68	65	62	61

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

	0°	45°	90°
0°	196523	196523	196523
5°	181300	180263	180868
10°	140691	140865	140865
15°	95086	95532	95532
20°	57750	58483	58758
25°	33882	34357	34262
30°	19767	20165	20264
35°	12068	12383	12383
40°	7869	7981	8094
45°	5480	5602	5724
50°	4019	4153	4153
55°	3153	3303	3303
60°	2756	2756	2928
65°	2445	2445	2649
70°	2266	2266	2266
75°	1996	1996	1996
80°	1488	1488	1984
85°	988	988	1976

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 5724 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	92.0	22.9
10°-20°	147.4	36.7
20°-30°	85.3	21.3
30°-40°	38.3	9.5
40°-50°	18.2	4.5
50°-60°	9.9	2.5
60°-70°	6.0	1.5
70°-80°	3.2	0.8
80°-90°	0.7	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°	324.7	81.0
0°-40°	363.0	90.5
0°-60°	391.1	97.5
0°-90°	401.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1141	1141	1141	1141	1141	
5°	1049	1045	1043	1045	1046	92
15°	533	533	536	533	536	147
25°	178	178	181	179	180	84
35°	57	58	59	59	59	37
45°	22	22	23	23	24	18
55°	10	10	11	11	11	10
65°	6	6	6	6	6	6
75°	3	3	3	3	3	3
85°	0	0	0	0	1	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1141.1	1141.1	1141.1	1141.1	1141.1
1°	1140.6	1137.6	1136.6	1135.6	1138.6
2°	1129.1	1125.6	1123.6	1124.6	1125.1
3°	1108.6	1106.6	1106.6	1105.1	1106.1
4°	1082.1	1078.2	1078.2	1078.7	1078.7
5°	1048.7	1045.2	1042.7	1044.7	1046.2
6°	1011.2	1006.7	1004.7	1005.2	1008.7
7°	965.3	959.3	960.3	962.8	962.8
8°	913.4	912.9	913.9	912.9	913.9
9°	865.4	858.4	864.4	859.4	861.9
10°	804.5	804.0	805.5	807.0	805.5
12.5°	665.7	668.2	669.2	667.2	671.7
15°	533.3	533.3	535.8	533.3	535.8
17.5°	415.0	414.5	416.5	414.5	417.5
20°	315.1	318.6	319.1	319.1	320.6
22.5°	237.7	237.7	239.7	240.2	239.2
25°	178.3	178.3	180.8	179.3	180.3
27.5°	131.8	132.8	134.8	135.8	135.8
30°	99.4	99.9	101.4	101.9	101.9
32.5°	74.9	75.9	76.9	77.4	77.9
35°	57.4	57.9	58.9	59.4	58.9
37.5°	43.9	44.4	45.4	45.9	45.9
40°	35.0	35.0	35.5	36.0	36.0
42.5°	27.5	28.0	28.0	28.5	28.5
45°	22.5	22.5	23.0	23.0	23.5
47.5°	18.0	18.0	18.5	19.0	19.0
50°	15.0	15.0	15.5	15.5	15.5
52.5°	12.5	12.5	13.0	13.0	13.0
55°	10.5	10.5	11.0	11.0	11.0
57.5°	9.0	9.0	9.5	9.5	9.5
60°	8.0	8.0	8.0	8.0	8.5
62.5°	7.0	7.0	7.0	7.0	7.0
65°	6.0	6.0	6.0	6.0	6.5
67.5°	5.0	5.0	5.0	5.0	5.5
70°	4.5	4.5	4.5	4.5	4.5
72.5°	3.5	3.5	3.5	4.0	4.0
75°	3.0	3.0	3.0	3.0	3.0
77.5°	2.5	2.5	2.5	2.5	2.5
80°	1.5	1.5	1.5	2.0	2.0
82.5°	1.0	1.0	1.0	1.0	1.0
85°	0.5	0.5	0.5	0.5	1.0
87.5°	0.0	0.0	0.0	0.5	0.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)