

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: P1323682

Luminaire Tested: LDSQA3D05R609030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

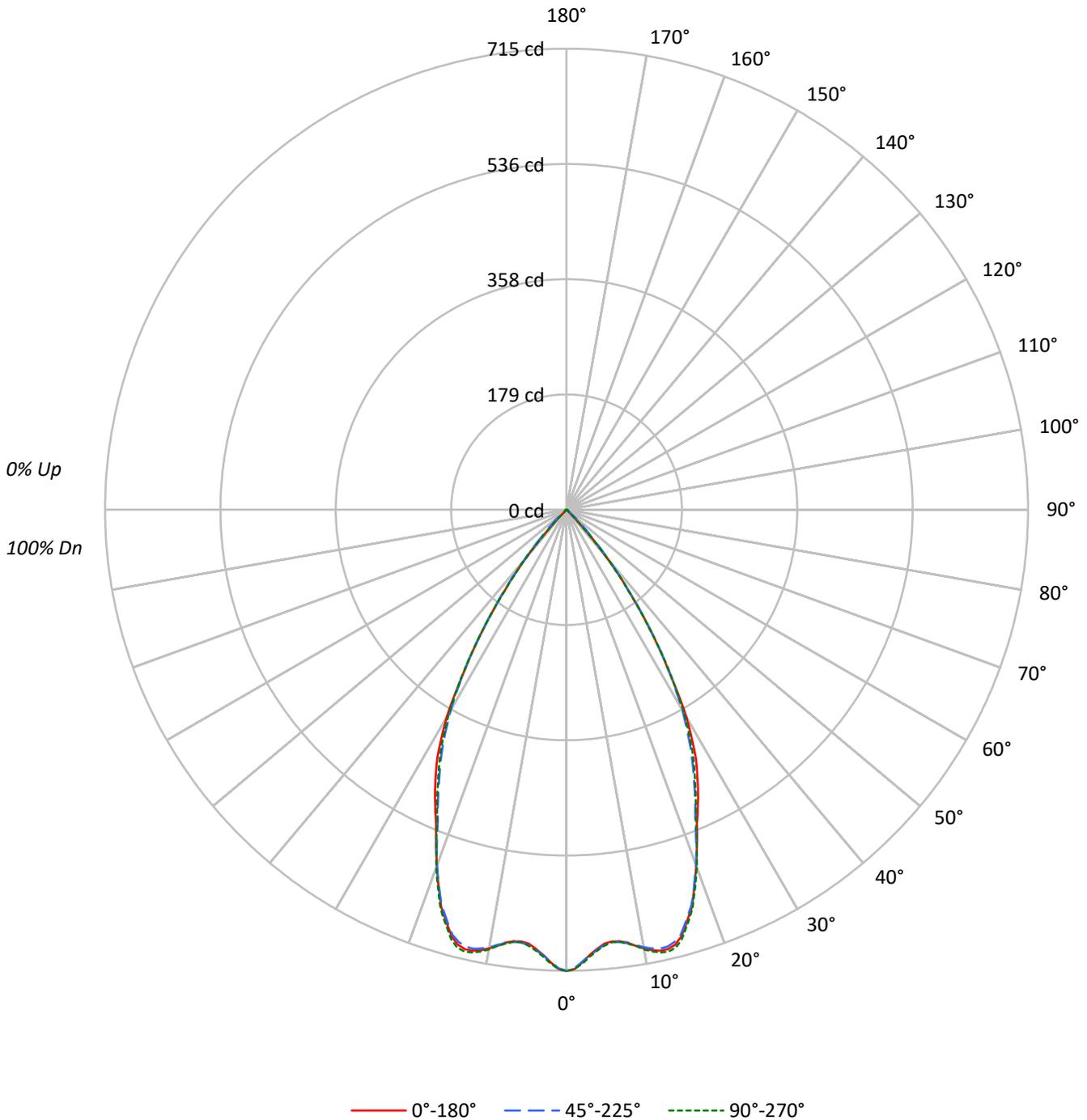
Test Method: LM-79-2019  
Report Number: P1323682  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R609030D2WDE010 3LSQCDR1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 638.0 lumens  
Efficiency: N/A  
Efficacy: 57.5 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9  
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





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	100	100	100
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82	82	82	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	76	76	76	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	71	71	71	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	67	67	67	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59	59	59	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

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

	0°	45°	90°
0°	123191	123191	123191
5°	116763	117109	117282
10°	120807	120457	121069
15°	122277	121742	122990
20°	107674	107583	108133
25°	91631	88970	89731
30°	73958	71373	72566
35°	46801	47221	46695
40°	21875	22774	22212
45°	1340	8013	1583
50°	670	1876	670
55°	751	751	751
60°	689	689	689
65°	611	815	611
70°	755	755	755
75°	665	665	665
80°	496	496	496
85°	988	988	988

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 8013 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.2	10.2
10°-20°	187.8	29.4
20°-30°	216.4	33.9
30°-40°	139.0	21.8
40°-50°	24.2	3.8
50°-60°	2.3	0.4
60°-70°	1.8	0.3
70°-80°	1.1	0.2
80°-90°	0.3	0.1
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°	469.4	73.6
0°-40°	608.4	95.4
0°-60°	634.8	99.5
0°-90°	638.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	638.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	715	715	715	715	715	
5°	675	677	677	679	678	65
15°	686	683	683	687	690	188
25°	482	477	468	469	472	220
35°	223	221	225	220	222	139
45°	6	16	33	20	6	18
55°	2	2	2	2	2	2
65°	2	2	2	2	2	2
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°	715.3	715.3	715.3	715.3	715.3
1°	712.3	711.8	711.3	711.8	712.3
2°	702.3	701.8	701.3	703.3	704.3
3°	691.3	691.8	692.3	693.3	693.8
4°	682.3	683.3	683.8	684.8	685.3
5°	675.4	676.9	677.4	678.9	678.4
6°	673.4	674.4	674.9	675.4	674.4
7°	674.4	674.9	675.4	676.4	675.4
8°	677.9	678.4	678.9	679.4	679.4
9°	684.8	683.8	683.3	685.3	684.8
10°	690.8	689.3	688.8	691.8	692.3
11°	695.8	693.8	693.3	696.8	697.8
12°	699.3	696.3	695.8	700.3	702.3
13°	699.3	695.3	695.3	700.3	703.3
14°	695.3	690.8	690.8	696.3	699.8
15°	685.8	683.3	682.8	687.3	689.8
17.5°	645.9	642.9	643.4	648.4	648.9
20°	587.5	586.0	587.0	588.0	590.0
22.5°	528.1	527.1	521.6	523.1	524.1
25°	482.2	476.7	468.2	468.7	472.2
27.5°	433.8	428.3	416.3	418.8	422.3
30°	371.9	367.4	358.9	360.4	364.9
32.5°	292.0	301.0	293.0	295.5	294.0
35°	222.6	221.1	224.6	220.1	222.1
37.5°	156.7	157.2	158.7	154.7	154.7
40°	97.3	99.8	101.3	99.3	98.8
42.5°	40.9	55.9	58.9	55.9	41.4
45°	5.5	16.5	32.9	19.5	6.5
47.5°	2.5	3.5	17.5	3.5	2.5
50°	2.5	2.5	7.0	2.5	2.5
52.5°	2.5	2.5	2.5	2.5	2.5
55°	2.5	2.5	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	2.5	2.5
60°	2.0	2.0	2.0	2.0	2.0
62.5°	2.0	2.0	2.0	2.0	2.0
65°	1.5	2.0	2.0	2.0	1.5
67.5°	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5
72.5°	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0
80°	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5
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)