

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: P1323634

Luminaire Tested: LDSQA3D05R359030D2WDE010 3LSQPHRL1MMS

Issue Date: 1/29/2026

**Test Information**

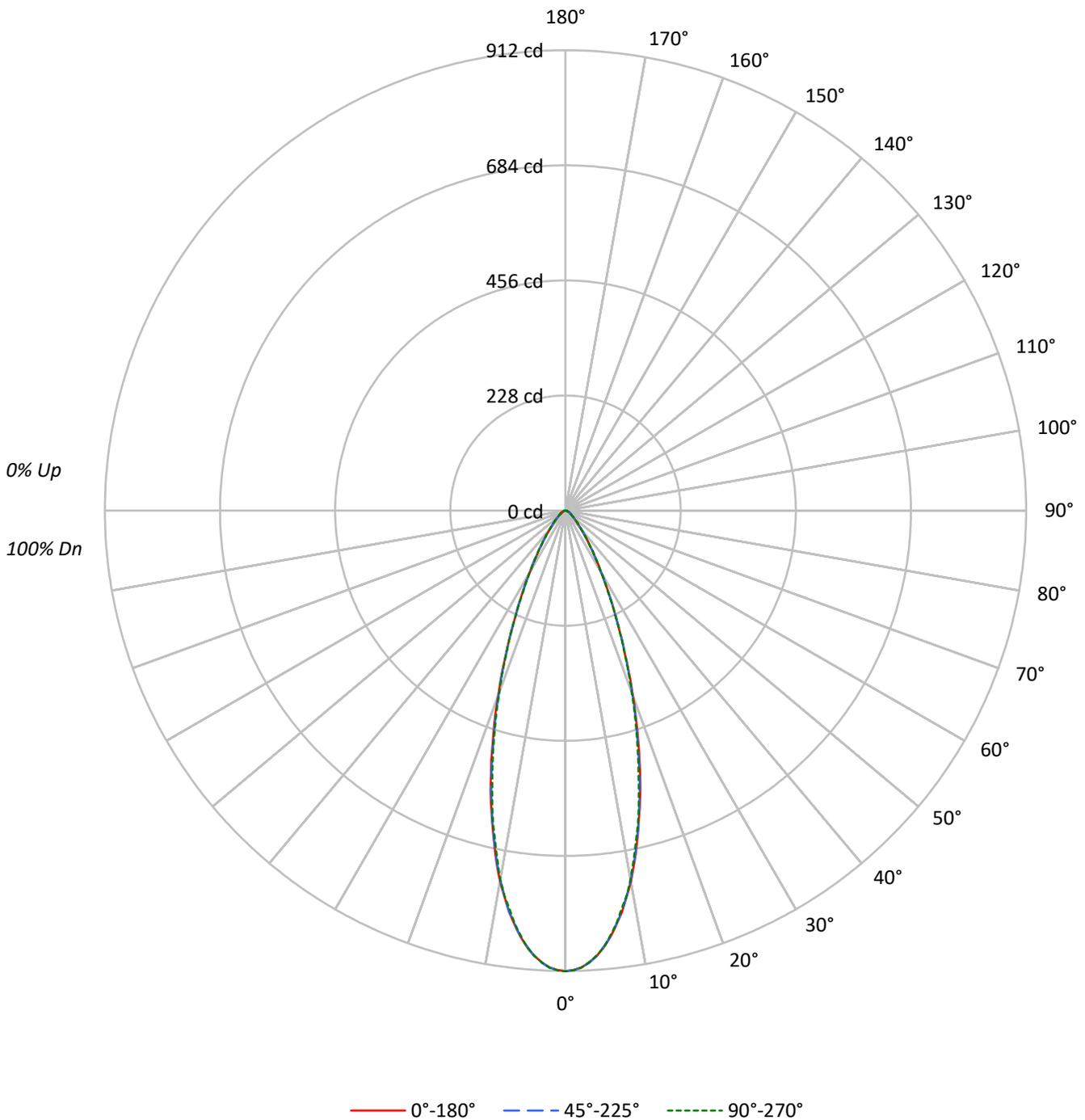
Test Method: LM-79-2019  
Report Number: P1323634  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R359030D2WDE010 3LSQPHRL1MMS  
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRL1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 450.0 lumens  
Efficiency: N/A  
Efficacy: 40.5 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6  
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

TEST NUMBER: P1323634  
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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	102	102	102	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	83	83	83	82
4	98	91	86	82	96	90	85	81	88	84	80	86	82	79	84	81	78	78	78	78	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	74	74	74	73
6	90	81	76	72	88	81	75	71	79	74	71	78	74	70	76	73	70	70	70	70	69
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	66	66	66	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	63	63	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	60	60	60	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	57	57	57	56

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

	0°	45°	90°
0°	157153	157153	157153
5°	150164	149905	150164
10°	130355	129918	129743
15°	102147	101345	99740
20°	71459	70818	70359
25°	45378	45663	45378
30°	27960	28159	27960
35°	17303	17408	17408
40°	10994	11106	11106
45°	7404	7526	7648
50°	5332	5466	5466
55°	4204	4204	4204
60°	3444	3444	3444
65°	3056	3056	3056
70°	2769	2769	2769
75°	2329	2329	2329
80°	1984	1984	1984
85°	988	988	1976

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 67.5°  
 Vertical Angle: 45°  
 Luminance: 7648 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	78.9	17.5
10°-20°	155.3	34.5
20°-30°	112.0	24.9
30°-40°	54.0	12.0
40°-50°	24.9	5.5
50°-60°	12.9	2.9
60°-70°	7.5	1.7
70°-80°	3.8	0.8
80°-90°	0.9	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°	346.1	76.9
0°-40°	400.1	88.9
0°-60°	437.9	97.3
0°-90°	450.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	450.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	912	912	912	912	912	
5°	869	871	867	868	869	79
15°	573	572	568	566	559	156
25°	239	239	240	240	239	112
35°	82	82	83	83	83	54
45°	30	31	31	31	31	25
55°	14	14	14	14	14	13
65°	8	8	8	8	8	7
75°	4	4	4	4	4	4
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°	912.5	912.5	912.5	912.5	912.5
1°	910.0	911.5	911.0	911.5	911.0
2°	905.5	906.5	905.5	906.0	906.0
3°	896.0	897.0	897.0	896.5	896.0
4°	884.5	887.0	884.5	885.0	883.5
5°	868.6	870.6	867.1	867.6	868.6
6°	849.1	849.6	848.6	848.1	847.1
7°	826.7	828.7	825.2	825.7	824.7
8°	802.8	802.3	802.3	800.3	797.3
9°	773.8	775.8	772.9	771.9	772.4
10°	745.4	745.4	742.9	740.4	741.9
11°	713.0	712.0	710.5	707.0	706.0
12°	677.6	679.6	675.1	673.6	670.1
13°	641.2	644.2	642.2	636.7	637.2
14°	607.3	605.3	603.8	602.8	599.3
15°	572.9	571.9	568.4	565.9	559.4
17.5°	478.7	479.7	473.2	472.2	469.7
20°	389.9	386.9	386.4	386.9	383.9
22.5°	307.6	310.6	307.1	307.6	305.6
25°	238.8	239.3	240.3	240.3	238.8
27.5°	185.5	185.5	184.5	185.5	184.0
30°	140.6	140.6	141.6	142.6	140.6
32.5°	108.7	108.7	108.7	109.2	109.7
35°	82.3	82.3	82.8	82.8	82.8
37.5°	63.3	63.8	64.3	64.3	64.3
40°	48.9	49.4	49.4	49.9	49.4
42.5°	38.9	38.9	38.9	39.4	39.4
45°	30.4	30.9	30.9	31.4	31.4
47.5°	24.9	24.9	24.9	25.4	25.4
50°	19.9	20.4	20.4	20.4	20.4
52.5°	16.5	16.5	17.0	17.0	17.0
55°	14.0	14.0	14.0	14.0	14.0
57.5°	11.5	12.0	12.0	12.0	12.0
60°	10.0	10.0	10.0	10.0	10.0
62.5°	8.5	8.5	8.5	8.5	8.5
65°	7.5	7.5	7.5	7.5	7.5
67.5°	6.0	6.5	6.5	6.5	6.5
70°	5.5	5.5	5.5	5.5	5.5
72.5°	4.0	4.5	4.5	4.5	4.5
75°	3.5	3.5	3.5	3.5	3.5
77.5°	3.0	2.5	2.5	2.5	3.0
80°	2.0	2.0	2.0	2.0	2.0
82.5°	1.5	1.5	1.5	1.5	1.5
85°	0.5	0.5	0.5	0.5	1.0
87.5°	0.0	0.0	0.0	0.5	0.5



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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)