

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: P1323701

Luminaire Tested: LDSQA3D05R709030D2WDE010 3LSQCLSWWR 1MW

Issue Date: 1/29/2026

**Test Information**

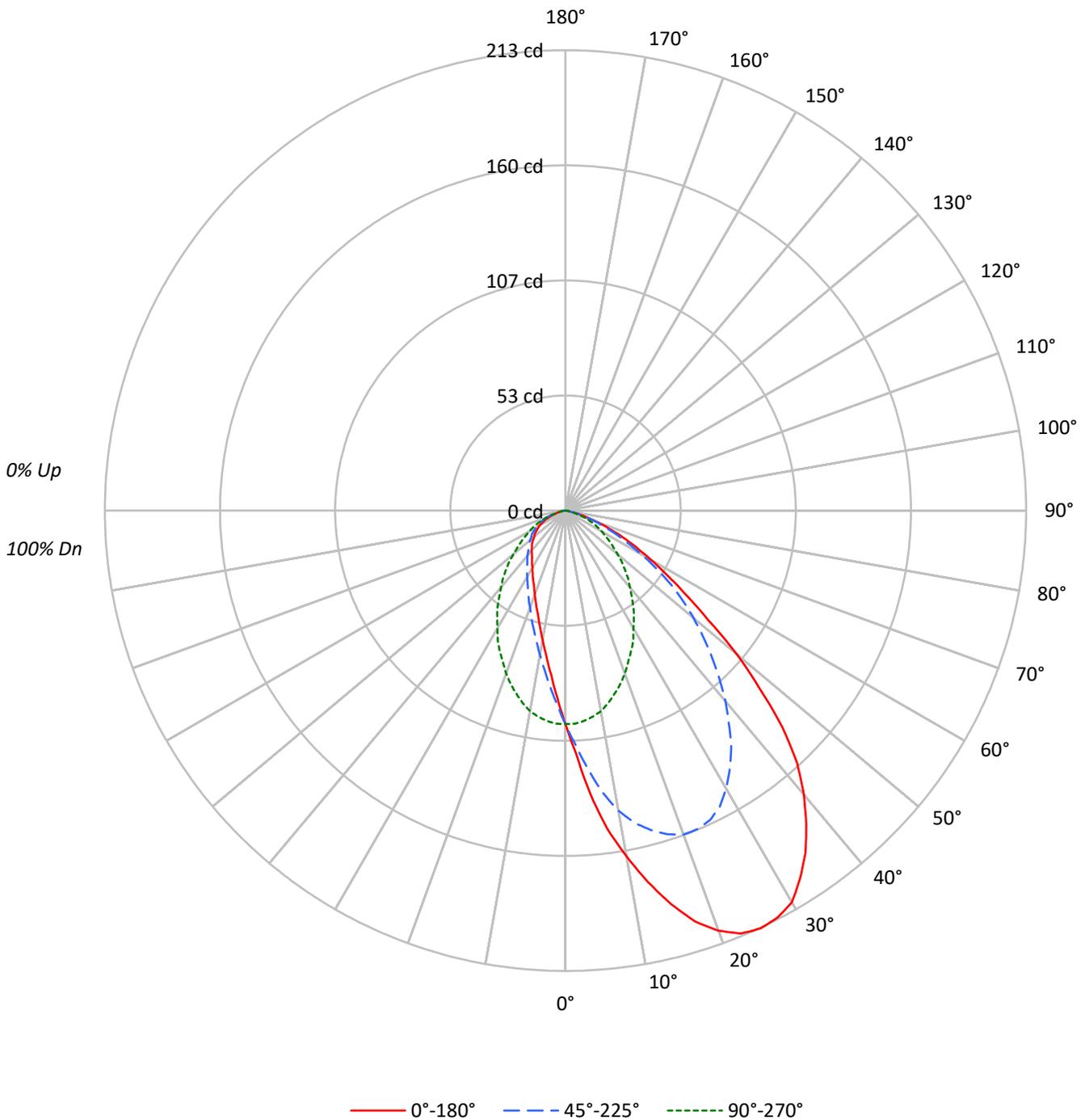
Test Method: LM-79-2019  
Report Number: P1323701  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-71)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R709030D2WDE010 3LSQCLSWWR 1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,  
3LSQCLSWWR 1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 241.0 lumens  
Efficiency: N/A  
Efficacy: 21.7 lumens/watt  
Spacing Criteria (0/90/45): 1.58 / 1 / 1.33  
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: P1323701  
CATALOG NUMBER: LDSQA3D05R709030D2WDE010 3LSQCLSWWR 1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1323701

CATALOG NUMBER: LDSQA3D05R709030D2WDE010 3LSQCLSWWR 1MW

**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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	102	95	89	84	100	93	88	83	90	85	82	87	83	80	84	81	78	76
3	94	85	78	72	92	83	77	72	81	75	70	78	73	69	75	71	68	66
4	87	76	68	62	85	75	68	62	73	66	61	70	65	60	68	64	60	58
5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	53	51
6	75	62	54	48	73	62	54	48	60	53	48	58	52	47	57	51	47	45
7	69	57	49	43	68	56	48	43	55	48	43	53	47	42	52	46	42	40
8	65	52	44	39	63	52	44	39	50	43	38	49	43	38	48	42	38	36
9	61	48	40	35	59	48	40	35	46	40	35	45	39	35	44	39	35	33
10	57	44	37	32	56	44	37	32	43	36	32	42	36	32	41	36	32	30

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

	0°	45°	90°	135°	180°
0°	16998	16998	16998	16998	16998
5°	22751	20763	16890	14124	13173
10°	28418	24658	16474	11857	10633
15°	33591	27280	15637	10127	8790
20°	37901	29232	14699	8761	7588
25°	40533	30024	13644	7772	6727
30°	41623	29532	12489	7040	6046
35°	40661	28089	11521	6497	5656
40°	38534	25877	10409	6160	5486
45°	34585	23309	9474	5943	5334
50°	27784	20684	8413	5734	5064
55°	20508	17805	7476	5675	4924
60°	15776	13916	6682	5477	4822
65°	11981	10351	5909	5094	4279
70°	8006	7301	4532	4532	3525
75°	4325	4325	2994	2994	2662
80°	992	1984	1488	1984	2479
85°	0	988	988	1976	1976

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 34585 cd/sqm



TEST NUMBER: P1323701

CATALOG NUMBER: LDSQA3D05R709030D2WDE010 3LSQCLSWWR 1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.7	4.0
10°-20°	29.6	12.3
20°-30°	45.6	18.9
30°-40°	51.7	21.5
40°-50°	46.8	19.4
50°-60°	32.7	13.6
60°-70°	18.0	7.5
70°-80°	6.0	2.5
80°-90°	0.8	0.3
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°	84.9	35.2
0°-40°	136.6	56.7
0°-60°	216.2	89.7
0°-90°	241.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	241.0	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	99	99	99	99	99	
5°	132	120	98	82	76	13
15°	188	153	88	57	49	54
25°	213	158	72	41	35	98
35°	193	134	55	31	27	120
45°	142	96	39	24	22	108
55°	68	59	25	19	16	63
65°	29	25	14	12	10	29
75°	6	6	4	4	4	7
85°	0	0	0	1	1	0
90°	0	0	0	0	0	



TEST NUMBER: P1323701

CATALOG NUMBER: LDSQA3D05R709030D2WDE010 3LSQCLSWWR 1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2.5°	112.6	113.6	114.1	113.1	112.6	112.1	111.1	110.6	109.6	108.6	108.1
5°	131.6	131.6	131.6	130.6	129.1	128.1	126.1	124.6	122.1	120.1	118.1
7.5°	148.5	148.5	148.0	146.5	145.5	143.0	140.5	138.5	134.6	131.6	127.6
10°	162.5	162.5	162.0	159.5	158.0	155.0	152.5	149.0	145.0	141.0	136.5
12.5°	175.9	175.9	173.9	171.9	168.9	165.0	161.5	158.0	152.5	148.0	142.5
15°	188.4	188.4	187.4	183.9	179.9	175.4	170.4	165.5	159.0	153.0	147.0
17.5°	199.3	198.8	197.3	193.4	189.4	183.9	177.9	171.9	164.0	157.0	149.5
20°	206.8	206.8	204.8	200.3	195.8	189.9	183.4	176.4	167.9	159.5	150.5
22.5°	211.8	211.3	209.3	204.8	199.3	193.4	185.9	178.4	168.9	159.5	150.0
25°	213.3	212.8	210.8	205.8	200.3	193.9	185.9	177.9	167.9	158.0	147.5
27.5°	212.3	211.8	209.8	204.3	198.8	191.4	183.4	174.9	165.0	154.5	144.0
30°	209.3	207.8	205.8	200.8	194.9	187.4	178.9	169.4	159.5	148.5	138.0
32.5°	201.8	201.8	199.3	194.4	188.4	180.4	171.9	163.0	152.0	141.5	130.6
35°	193.4	192.9	190.9	185.4	179.9	172.4	164.0	154.5	144.0	133.6	123.1
37.5°	182.9	182.4	180.4	175.4	169.4	162.5	153.5	144.5	134.6	124.1	114.6
40°	171.4	170.4	167.9	164.0	159.0	151.0	143.0	134.1	124.6	115.1	105.6
42.5°	158.5	157.5	155.5	152.5	146.5	139.5	132.1	123.6	114.6	105.2	98.2
45°	142.0	142.0	141.0	138.0	133.6	128.1	120.1	112.6	104.2	95.7	88.2
47.5°	121.6	122.6	122.1	120.6	118.6	113.6	108.1	101.7	93.7	86.2	79.2
50°	103.7	104.2	104.7	103.7	102.2	98.7	95.2	91.2	84.2	77.2	70.8
52.5°	83.2	84.7	84.7	85.2	85.2	84.2	83.2	78.7	75.2	68.3	62.3
55°	68.3	68.3	68.3	69.3	69.8	70.3	69.3	68.3	64.3	59.3	53.8
57.5°	55.8	55.8	56.8	56.3	56.3	57.3	57.3	56.8	54.3	49.8	44.9
60°	45.8	45.8	45.8	45.8	46.3	46.3	46.3	46.3	44.4	40.4	36.4
62.5°	36.9	36.9	36.9	37.4	37.4	37.4	37.9	37.4	35.4	32.4	28.9
65°	29.4	28.9	29.4	29.4	29.9	29.9	29.9	29.4	27.4	25.4	22.9
67.5°	21.9	22.4	22.4	22.4	22.9	23.4	22.9	22.4	20.9	18.9	17.9
70°	15.9	16.4	16.4	16.4	16.9	17.4	16.9	16.4	15.4	14.5	13.5
72.5°	10.5	11.0	11.0	11.5	12.0	12.0	11.5	11.5	11.0	10.0	9.5
75°	6.5	6.5	7.0	7.0	7.5	7.5	7.5	7.0	7.0	6.5	6.5
77.5°	3.0	3.0	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.0	3.5
80°	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.0
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1323701

CATALOG NUMBER: LDSQA3D05R709030D2WDE010 3LSQCLSWWR 1MW

**CANDELA DISTRIBUTION (continued):**

	55°	60°	67.5°	90°	112.5°	135°	157.5°	180°
0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2.5°	107.1	105.6	103.7	98.7	93.7	89.7	87.2	86.7
5°	115.6	113.1	108.6	97.7	88.7	81.7	77.7	76.2
7.5°	124.1	119.6	113.1	96.2	82.7	74.3	69.8	67.8
10°	131.1	125.6	117.1	94.2	77.7	67.8	62.3	60.8
12.5°	136.5	130.1	119.6	91.2	72.8	61.8	56.3	54.8
15°	140.0	133.1	121.1	87.7	67.8	56.8	51.3	49.3
17.5°	141.5	133.1	120.6	84.2	63.3	52.3	46.8	45.3
20°	141.5	132.1	119.1	80.2	58.8	47.8	42.9	41.4
22.5°	140.0	130.1	115.6	75.7	54.8	44.4	39.4	37.9
25°	137.0	126.1	111.6	71.8	50.8	40.9	36.4	35.4
27.5°	132.6	121.6	106.6	67.8	47.3	37.9	33.9	32.9
30°	127.1	116.1	101.2	62.8	43.9	35.4	31.9	30.4
32.5°	120.1	109.6	95.2	58.8	40.9	32.9	29.9	28.9
35°	112.6	103.2	88.7	54.8	37.9	30.9	27.9	26.9
37.5°	105.2	95.2	83.2	50.3	35.4	28.9	26.4	25.4
40°	97.2	89.7	77.2	46.3	33.4	27.4	24.9	24.4
42.5°	89.2	81.2	68.8	42.9	30.9	25.4	23.4	22.9
45°	79.7	72.3	62.3	38.9	28.9	24.4	22.4	21.9
47.5°	71.8	64.8	55.8	35.4	26.9	22.9	20.9	20.4
50°	64.3	57.3	48.8	31.4	24.9	21.4	19.9	18.9
52.5°	55.8	49.8	42.4	27.9	22.9	19.9	18.4	17.9
55°	48.3	42.4	35.4	24.9	20.9	18.9	16.9	16.4
57.5°	39.9	34.9	29.9	21.9	18.9	16.9	15.9	15.0
60°	32.4	28.9	25.4	19.4	16.9	15.9	14.5	14.0
62.5°	26.4	23.9	21.4	16.9	15.0	14.0	13.0	12.0
65°	20.9	19.4	17.4	14.5	13.0	12.5	11.5	10.5
67.5°	16.4	15.4	14.0	11.5	11.0	10.5	9.5	8.5
70°	12.5	12.0	11.0	9.0	8.5	9.0	8.0	7.0
72.5°	9.0	8.5	8.0	6.5	6.5	6.5	6.0	5.0
75°	6.0	5.5	5.0	4.5	4.5	4.5	4.5	4.0
77.5°	3.5	3.5	3.0	2.5	3.0	3.0	3.5	3.5
80°	1.5	1.5	1.5	1.5	2.0	2.0	2.5	2.5
82.5°	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5
85°	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)