

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: P1308911

Luminaire Tested: LDSQA3D05R259030DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1308911  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R259030DE010 3LSQPHRLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

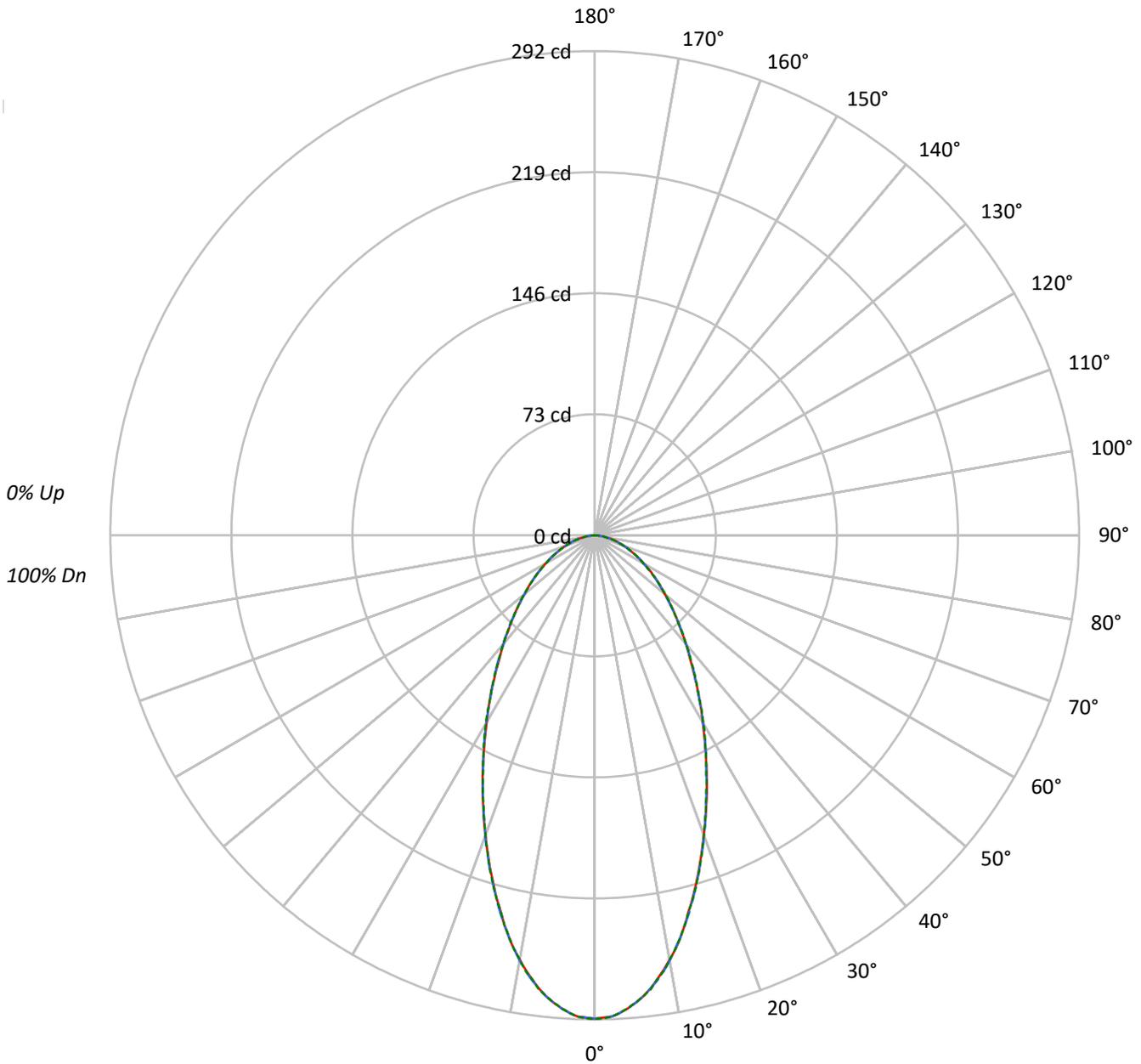
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 365.0 lumens  
Efficiency: N/A  
Efficacy: 50.7 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
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	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37	35

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

	0°	45°	90°
0°	50203	50203	50203
5°	48925	48925	48925
10°	45469	45556	45469
15°	40545	40634	40634
20°	35262	35354	35262
25°	30366	30271	30271
30°	25892	25992	26091
35°	22223	22223	22328
40°	19267	19267	19267
45°	16830	16830	16830
50°	14763	14763	14897
55°	13242	13242	13242
60°	11746	11746	11746
65°	10595	10595	10595
70°	9567	9316	9567
75°	8650	8318	8318
80°	6943	6943	6943
85°	4940	4940	4940

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16830 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	26.3	7.2
10°-20°	63.4	17.4
20°-30°	73.3	20.1
30°-40°	66.5	18.2
40°-50°	53.6	14.7
50°-60°	39.5	10.8
60°-70°	25.9	7.1
70°-80°	13.4	3.7
80°-90°	3.0	0.8
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
<b>0°-30°</b>	<b>163.1</b>	<b>44.7</b>
<b>0°-40°</b>	<b>229.6</b>	<b>62.9</b>
<b>0°-60°</b>	<b>322.6</b>	<b>88.4</b>
<b>0°-90°</b>	<b>365.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>365.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	292	292	292	292	292	
5°	283	284	283	283	283	26
15°	227	228	228	227	228	63
25°	160	159	159	160	159	73
35°	106	106	106	106	106	66
45°	69	69	69	69	69	54
55°	44	44	44	44	44	40
65°	26	26	26	26	26	26
75°	13	12	12	12	12	14
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	291.5	291.5	291.5	291.5	291.5
1°	291.0	292.0	291.0	291.0	291.5
2°	290.5	291.0	290.5	290.5	290.5
3°	288.5	289.5	288.5	288.5	288.5
4°	286.0	287.0	286.0	286.0	286.0
5°	283.0	284.0	283.0	283.0	283.0
6°	279.5	280.0	279.5	279.5	279.5
7°	275.5	276.0	275.5	275.5	276.0
8°	270.5	271.0	271.0	270.5	270.5
9°	265.5	266.0	266.0	265.5	266.0
10°	260.0	260.5	260.5	260.0	260.0
11°	254.5	255.0	254.0	254.0	254.5
12°	248.0	248.5	248.0	248.0	248.0
13°	241.4	241.4	241.4	241.4	241.4
14°	233.9	234.9	234.9	234.4	233.9
15°	227.4	227.9	227.9	227.4	227.9
17.5°	209.9	210.9	210.4	210.4	210.4
20°	192.4	192.9	192.9	192.4	192.4
22.5°	175.8	175.3	175.3	175.3	175.3
25°	159.8	159.3	159.3	159.8	159.3
27.5°	144.3	144.8	144.8	144.3	144.8
30°	130.2	130.2	130.7	130.2	131.2
32.5°	117.7	117.7	117.2	117.7	117.7
35°	105.7	105.7	105.7	105.7	106.2
37.5°	94.7	95.2	95.7	95.7	95.2
40°	85.7	85.7	85.7	85.7	85.7
42.5°	76.6	76.6	77.1	77.1	77.1
45°	69.1	69.1	69.1	69.1	69.1
47.5°	62.1	62.1	61.6	61.6	62.1
50°	55.1	55.6	55.1	55.1	55.6
52.5°	49.6	49.1	49.1	49.6	49.6
55°	44.1	44.1	44.1	43.6	44.1
57.5°	39.1	39.1	38.6	38.6	38.6
60°	34.1	34.1	34.1	34.1	34.1
62.5°	30.1	30.1	30.1	30.1	30.1
65°	26.0	26.0	26.0	26.0	26.0
67.5°	22.5	22.5	22.5	22.5	22.0
70°	19.0	19.0	18.5	18.5	19.0
72.5°	15.5	15.5	15.5	15.5	15.5
75°	13.0	12.5	12.5	12.5	12.5
77.5°	10.0	10.0	9.5	10.0	9.5
80°	7.0	7.0	7.0	7.0	7.0
82.5°	5.0	4.5	4.5	4.5	4.5
85°	2.5	2.5	2.5	2.5	2.5
87.5°	0.5	0.5	0.5	0.5	1.0



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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)