

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: P1309718

Luminaire Tested: LDSQA3D24R359030D010 3LSQPHRL1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309718  
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: LDSQA3D24R359030D010 3LSQPHRL1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRL1MW TRIM  
Light Source: -  
Ballast/Driver: -

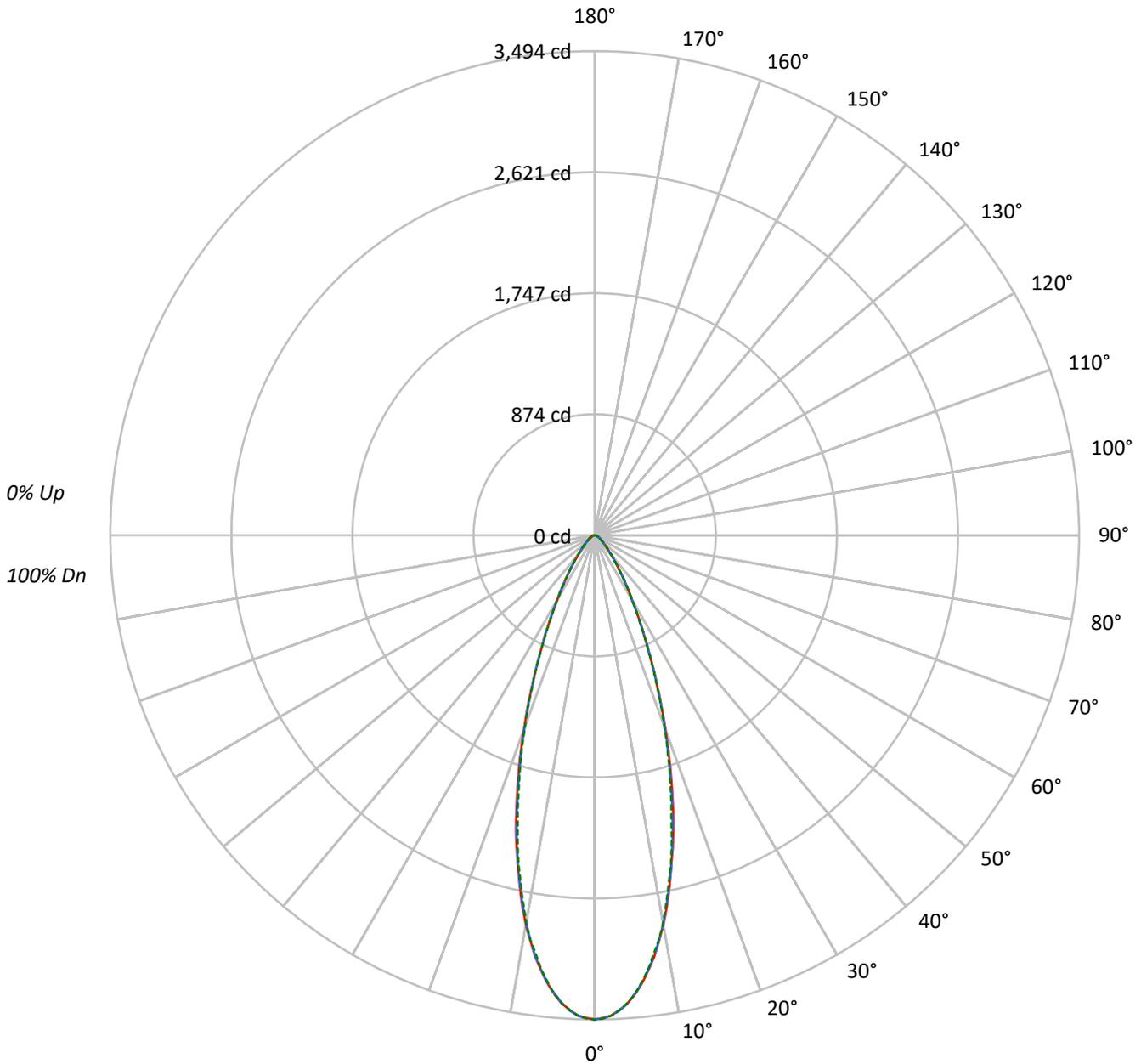
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1723.0 lumens  
Efficiency: N/A  
Efficacy: 59.8 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): 28.8  
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	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°	601694	601694	601694
5°	574949	573963	574949
10°	499141	497462	496798
15°	391114	388048	381914
20°	273612	271174	269415
25°	173779	174863	173779
30°	107069	107825	107069
35°	66227	66627	66627
40°	42064	42491	42491
45°	28375	28837	29300
50°	20470	20979	20979
55°	16064	16064	16064
60°	13158	13158	13158
65°	11655	11655	11655
70°	10574	10574	10574
75°	8917	8917	8917
80°	7538	7538	7538
85°	3754	3754	7509

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 67.5°  
 Vertical Angle: 45°  
 Luminance: 29300 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	301.9	17.5
10°-20°	594.5	34.5
20°-30°	428.9	24.9
30°-40°	206.8	12.0
40°-50°	95.3	5.5
50°-60°	49.3	2.9
60°-70°	28.5	1.7
70°-80°	14.4	0.8
80°-90°	3.4	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°	1325.3	76.9
0°-40°	1532.1	88.9
0°-60°	1676.8	97.3
0°-90°	1723.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1723.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3494	3494	3494	3494	3494	
5°	3326	3333	3320	3322	3326	302
15°	2194	2190	2176	2167	2142	598
25°	914	916	920	920	914	429
35°	315	315	317	317	317	206
45°	116	118	118	120	120	94
55°	54	54	54	54	54	48
65°	29	29	29	29	29	28
75°	13	13	13	13	13	14
85°	2	2	2	2	4	3
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3493.7	3493.7	3493.7	3493.7	3493.7
1°	3484.2	3489.9	3488.0	3489.9	3488.0
2°	3467.0	3470.8	3467.0	3468.9	3468.9
3°	3430.7	3434.5	3434.5	3432.6	3430.7
4°	3386.8	3396.3	3386.8	3388.7	3383.0
5°	3325.7	3333.3	3320.0	3321.9	3325.7
6°	3251.3	3253.2	3249.3	3247.4	3243.6
7°	3165.3	3173.0	3159.6	3161.5	3157.7
8°	3073.7	3071.8	3071.8	3064.2	3052.7
9°	2963.0	2970.6	2959.2	2955.3	2957.2
10°	2854.2	2854.2	2844.6	2835.1	2840.8
11°	2730.1	2726.2	2720.5	2707.2	2703.3
12°	2594.5	2602.1	2585.0	2579.2	2565.9
13°	2455.1	2466.6	2459.0	2438.0	2439.9
14°	2325.3	2317.7	2312.0	2308.1	2294.8
15°	2193.6	2189.8	2176.4	2166.9	2142.0
17.5°	1832.8	1836.6	1811.8	1807.9	1798.4
20°	1492.9	1481.5	1479.6	1481.5	1470.0
22.5°	1177.9	1189.4	1176.0	1177.9	1170.3
25°	914.5	916.4	920.2	920.2	914.5
27.5°	710.2	710.2	706.4	710.2	704.5
30°	538.4	538.4	542.2	546.0	538.4
32.5°	416.2	416.2	416.2	418.1	420.0
35°	315.0	315.0	316.9	316.9	316.9
37.5°	242.5	244.4	246.3	246.3	246.3
40°	187.1	189.0	189.0	190.9	189.0
42.5°	148.9	148.9	148.9	150.8	150.8
45°	116.5	118.4	118.4	120.3	120.3
47.5°	95.5	95.5	95.5	97.4	97.4
50°	76.4	78.3	78.3	78.3	78.3
52.5°	63.0	63.0	64.9	64.9	64.9
55°	53.5	53.5	53.5	53.5	53.5
57.5°	43.9	45.8	45.8	45.8	45.8
60°	38.2	38.2	38.2	38.2	38.2
62.5°	32.5	32.5	32.5	32.5	32.5
65°	28.6	28.6	28.6	28.6	28.6
67.5°	22.9	24.8	24.8	24.8	24.8
70°	21.0	21.0	21.0	21.0	21.0
72.5°	15.3	17.2	17.2	17.2	17.2
75°	13.4	13.4	13.4	13.4	13.4
77.5°	11.5	9.5	9.5	9.5	11.5
80°	7.6	7.6	7.6	7.6	7.6
82.5°	5.7	5.7	5.7	5.7	5.7
85°	1.9	1.9	1.9	1.9	3.8
87.5°	0.0	0.0	0.0	1.9	1.9



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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)