

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: P1310803

Luminaire Tested: LDSQA3D24R259035D010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310803
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: LDSQA3D24R259035D010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

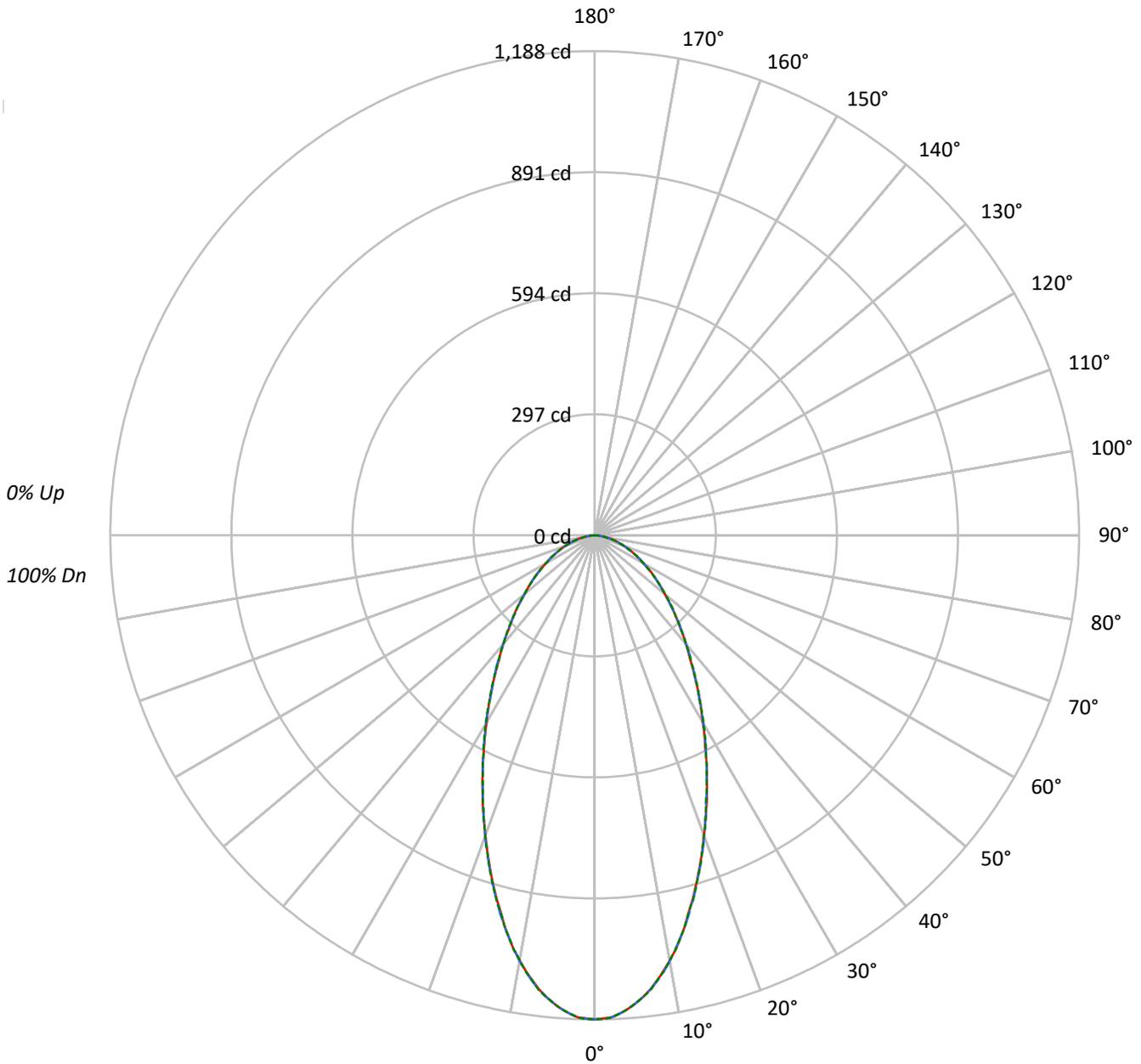
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1487.0 lumens
Efficiency: N/A
Efficacy: 51.6 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): 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	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°	204549	204549	204549
5°	199331	199331	199331
10°	185232	185582	185232
15°	165193	165550	165550
20°	143633	144000	143633
25°	123707	123327	123327
30°	105518	105916	106333
35°	90532	90532	90952
40°	78462	78462	78462
45°	68586	68586	68586
50°	60150	60150	60686
55°	53927	53927	53927
60°	47809	47809	47809
65°	43237	43237	43237
70°	39025	38018	39025
75°	35334	33936	33936
80°	28365	28365	28365
85°	20156	20156	20156

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 68586 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.1	7.2
10°-20°	258.5	17.4
20°-30°	298.8	20.1
30°-40°	270.8	18.2
40°-50°	218.3	14.7
50°-60°	160.7	10.8
60°-70°	105.7	7.1
70°-80°	54.6	3.7
80°-90°	12.3	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
0°-30°	664.4	44.7
0°-40°	935.2	62.9
0°-60°	1314.3	88.4
0°-90°	1487.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1487.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1188	1188	1188	1188	1188	
5°	1153	1157	1153	1153	1153	107
15°	926	928	928	926	928	258
25°	651	649	649	651	649	299
35°	431	431	431	431	433	270
45°	282	282	282	282	282	218
55°	180	180	180	178	180	161
65°	106	106	106	106	106	106
75°	53	51	51	51	51	55
85°	10	10	10	10	10	13
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1187.7	1187.7	1187.7	1187.7	1187.7
1°	1185.7	1189.8	1185.7	1185.7	1187.7
2°	1183.6	1185.7	1183.6	1183.6	1183.6
3°	1175.5	1179.6	1175.5	1175.5	1175.5
4°	1165.3	1169.4	1165.3	1165.3	1165.3
5°	1153.0	1157.1	1153.0	1153.0	1153.0
6°	1138.7	1140.8	1138.7	1138.7	1138.7
7°	1122.4	1124.5	1122.4	1122.4	1124.5
8°	1102.0	1104.1	1104.1	1102.0	1102.0
9°	1081.6	1083.6	1083.6	1081.6	1083.6
10°	1059.2	1061.2	1061.2	1059.2	1059.2
11°	1036.7	1038.7	1034.7	1034.7	1036.7
12°	1010.2	1012.2	1010.2	1010.2	1010.2
13°	983.6	983.6	983.6	983.6	983.6
14°	953.0	957.1	957.1	955.1	953.0
15°	926.5	928.5	928.5	926.5	928.5
17.5°	855.1	859.2	857.1	857.1	857.1
20°	783.7	785.7	785.7	783.7	783.7
22.5°	716.3	714.3	714.3	714.3	714.3
25°	651.0	649.0	649.0	651.0	649.0
27.5°	587.7	589.8	589.8	587.7	589.8
30°	530.6	530.6	532.6	530.6	534.7
32.5°	479.6	479.6	477.5	479.6	479.6
35°	430.6	430.6	430.6	430.6	432.6
37.5°	385.7	387.7	389.8	389.8	387.7
40°	349.0	349.0	349.0	349.0	349.0
42.5°	312.2	312.2	314.3	314.3	314.3
45°	281.6	281.6	281.6	281.6	281.6
47.5°	253.1	253.1	251.0	251.0	253.1
50°	224.5	226.5	224.5	224.5	226.5
52.5°	202.0	200.0	200.0	202.0	202.0
55°	179.6	179.6	179.6	177.5	179.6
57.5°	159.2	159.2	157.1	157.1	157.1
60°	138.8	138.8	138.8	138.8	138.8
62.5°	122.4	122.4	122.4	122.4	122.4
65°	106.1	106.1	106.1	106.1	106.1
67.5°	91.8	91.8	91.8	91.8	89.8
70°	77.5	77.5	75.5	75.5	77.5
72.5°	63.3	63.3	63.3	63.3	63.3
75°	53.1	51.0	51.0	51.0	51.0
77.5°	40.8	40.8	38.8	40.8	38.8
80°	28.6	28.6	28.6	28.6	28.6
82.5°	20.4	18.4	18.4	18.4	18.4
85°	10.2	10.2	10.2	10.2	10.2
87.5°	2.0	2.0	2.0	2.0	4.1



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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)