

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: P1311181

Luminaire Tested: LDSQA3D05R359040DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311181
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359040DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

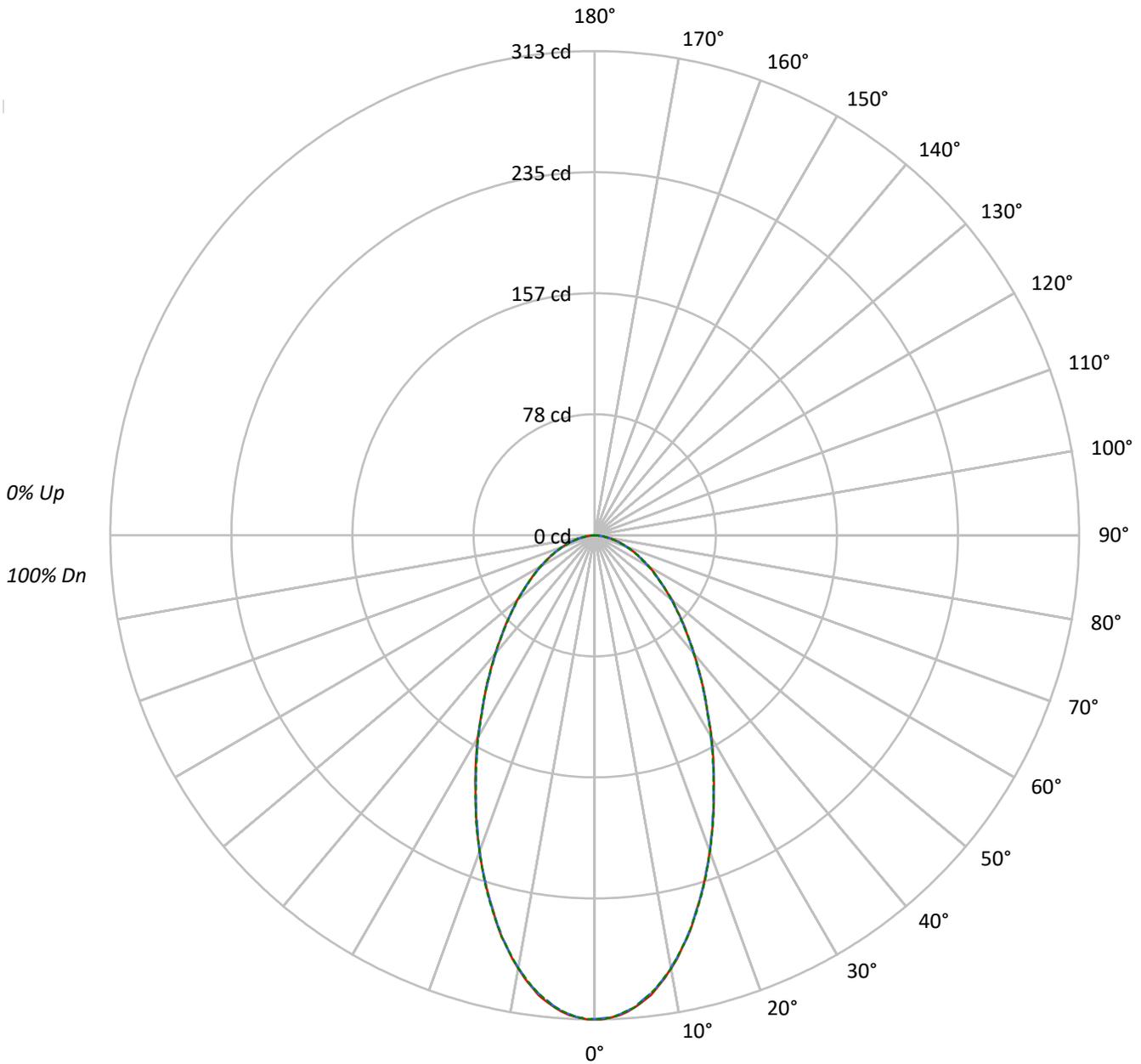
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 418.0 lumens
Efficiency: N/A
Efficacy: 58.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
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 (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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88	88	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77	77	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68	68	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60	60	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54	54	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49	49	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44	44	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41	41	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38	38	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35	35	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	53888	53888	53888
5°	52884	52780	52884
10°	49718	49631	49718
15°	45020	45020	45109
20°	39844	39844	39844
25°	34642	34547	34547
30°	30029	29830	29929
35°	25860	25755	25860
40°	22437	22325	22437
45°	19704	19582	19582
50°	17496	17335	17335
55°	15373	15373	15373
60°	13950	13743	13950
65°	12511	12511	12511
70°	11128	11128	11128
75°	10048	9715	10048
80°	8529	8529	8529
85°	5335	5335	5335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19704 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.5	6.8
10°-20°	70.4	16.9
20°-30°	83.7	20.0
30°-40°	76.9	18.4
40°-50°	62.4	14.9
50°-60°	46.2	11.0
60°-70°	30.5	7.3
70°-80°	15.8	3.8
80°-90°	3.6	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°	182.6	43.7
0°-40°	259.5	62.1
0°-60°	368.1	88.1
0°-90°	418.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	418.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	313	313	313	313	313	
5°	306	305	305	305	306	29
15°	252	252	252	252	253	70
25°	182	182	182	182	182	84
35°	123	122	122	123	123	77
45°	81	80	80	80	80	63
55°	51	51	51	51	51	46
65°	31	31	31	31	31	31
75°	15	15	15	15	15	16
85°	3	3	3	3	3	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	312.9	312.9	312.9	312.9	312.9
1°	312.9	312.3	312.3	312.3	312.9
2°	311.8	311.8	311.8	311.8	311.8
3°	310.7	310.2	310.2	310.2	310.2
4°	308.6	308.0	308.0	308.0	308.0
5°	305.9	305.3	305.3	305.3	305.9
6°	302.6	302.1	301.6	301.6	302.1
7°	299.4	298.3	298.3	298.3	298.3
8°	294.5	294.0	294.0	294.0	294.0
9°	289.7	288.6	289.2	289.2	289.2
10°	284.3	283.8	283.8	283.8	284.3
11°	278.9	278.4	278.4	277.8	278.4
12°	272.4	272.4	272.4	272.4	272.4
13°	266.5	266.0	266.0	266.0	266.5
14°	260.0	259.5	259.5	259.5	259.5
15°	252.5	252.5	252.5	252.5	253.0
17.5°	235.2	234.7	235.2	235.2	235.7
20°	217.4	216.9	217.4	217.4	217.4
22.5°	199.6	199.6	199.1	199.6	200.1
25°	182.3	181.8	181.8	182.3	181.8
27.5°	166.2	165.6	165.6	165.6	165.6
30°	151.0	150.0	150.0	150.5	150.5
32.5°	135.4	135.4	135.9	135.4	135.4
35°	123.0	122.5	122.5	123.0	123.0
37.5°	110.6	110.1	110.1	110.6	110.6
40°	99.8	99.8	99.3	99.8	99.8
42.5°	89.6	89.6	89.6	89.6	89.6
45°	80.9	80.4	80.4	80.4	80.4
47.5°	72.3	72.3	72.3	71.7	72.3
50°	65.3	64.7	64.7	64.7	64.7
52.5°	57.7	57.7	57.7	57.7	57.7
55°	51.2	51.2	51.2	51.2	51.2
57.5°	45.9	45.3	45.3	45.3	45.3
60°	40.5	40.5	39.9	40.5	40.5
62.5°	35.1	35.1	35.1	35.1	35.1
65°	30.7	30.7	30.7	30.7	30.7
67.5°	26.4	26.4	26.4	26.4	26.4
70°	22.1	22.1	22.1	22.1	22.1
72.5°	18.9	18.3	18.3	18.3	18.3
75°	15.1	15.1	14.6	15.1	15.1
77.5°	11.3	11.3	11.3	11.3	11.3
80°	8.6	8.6	8.6	8.1	8.6
82.5°	5.4	5.4	5.4	5.4	5.4
85°	2.7	2.7	2.7	2.7	2.7
87.5°	0.5	0.5	0.5	1.1	1.1



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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)