

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: P1308945

Luminaire Tested: LDSQA3D05R359030DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308945
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: LDSQA3D05R359030DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

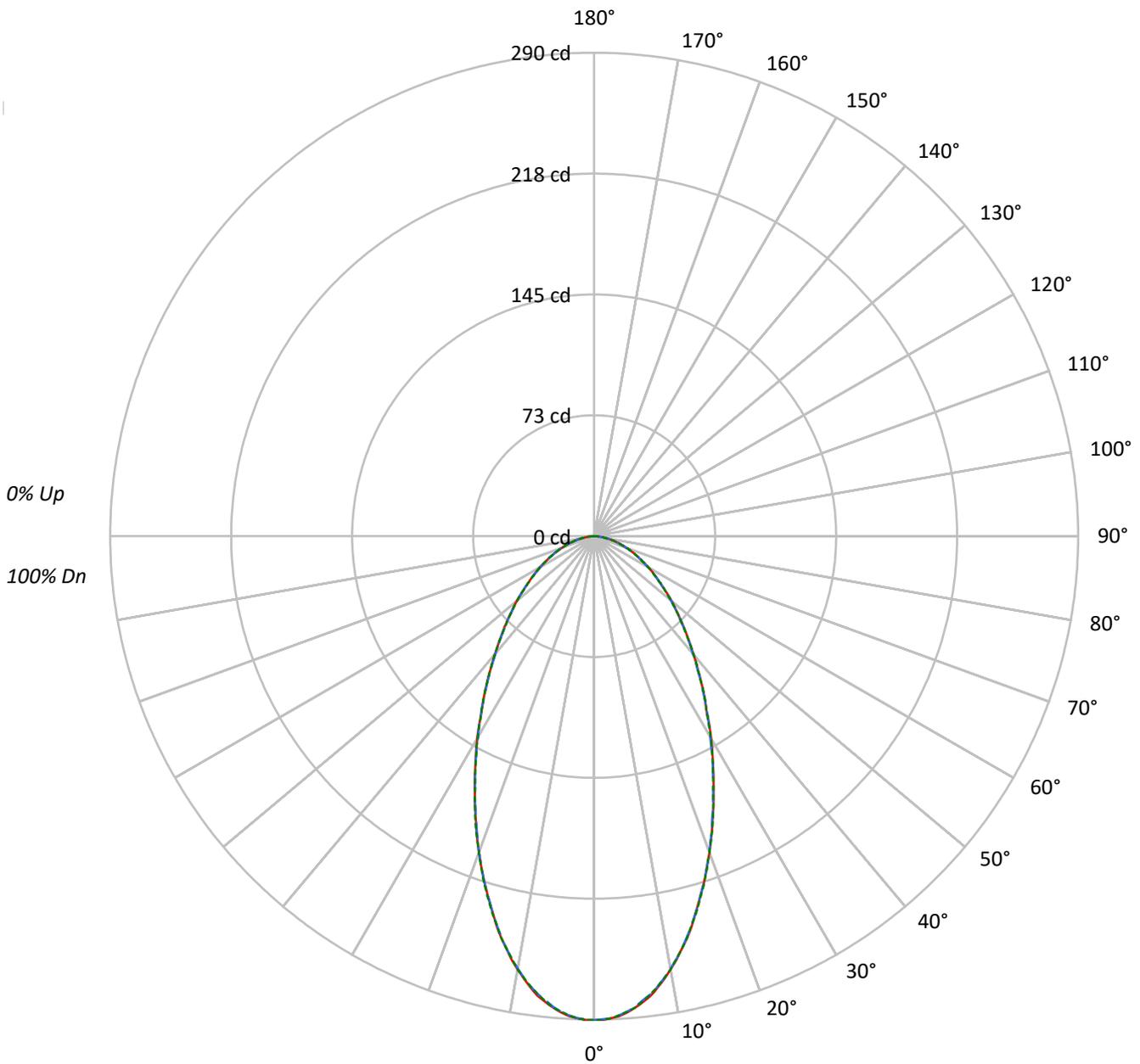
Lumens per Lamp: N/A
Luminaire Lumens: 388.0 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	50013	50013	50013
5°	49081	48994	49081
10°	46151	46063	46151
15°	41775	41775	41864
20°	36985	36985	36985
25°	32172	32077	32077
30°	27881	27682	27782
35°	24010	23905	24010
40°	20818	20706	20818
45°	18291	18170	18170
50°	16237	16103	16103
55°	14292	14292	14292
60°	12951	12779	12951
65°	11614	11614	11614
70°	10323	10323	10323
75°	9316	8983	9316
80°	7934	7934	7934
85°	4940	4940	4940

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18291 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	6.8
10°-20°	65.4	16.8
20°-30°	77.7	20.0
30°-40°	71.4	18.4
40°-50°	57.9	14.9
50°-60°	42.9	11.1
60°-70°	28.3	7.3
70°-80°	14.7	3.8
80°-90°	3.3	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°	169.5	43.7
0°-40°	240.9	62.1
0°-60°	341.7	88.1
0°-90°	388.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	388.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	290	290	290	290	290	
5°	284	283	283	283	284	26
15°	234	234	234	234	235	65
25°	169	169	169	169	169	78
35°	114	114	114	114	114	72
45°	75	75	75	75	75	58
55°	48	48	48	48	48	43
65°	28	28	28	28	28	28
75°	14	14	14	14	14	15
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°	290.4	290.4	290.4	290.4	290.4
1°	290.4	289.9	289.9	289.9	290.4
2°	289.4	289.4	289.4	289.4	289.4
3°	288.4	287.9	287.9	287.9	287.9
4°	286.4	285.9	285.9	285.9	285.9
5°	283.9	283.4	283.4	283.4	283.9
6°	280.9	280.4	279.9	279.9	280.4
7°	277.9	276.9	276.9	276.9	276.9
8°	273.4	272.9	272.9	272.9	272.9
9°	268.9	267.9	268.4	268.4	268.4
10°	263.9	263.4	263.4	263.4	263.9
11°	258.9	258.4	258.4	257.9	258.4
12°	252.9	252.9	252.9	252.9	252.9
13°	247.4	246.9	246.9	246.9	247.4
14°	241.4	240.9	240.9	240.9	240.9
15°	234.3	234.3	234.3	234.3	234.8
17.5°	218.3	217.8	218.3	218.3	218.8
20°	201.8	201.3	201.8	201.8	201.8
22.5°	185.3	185.3	184.8	185.3	185.8
25°	169.3	168.8	168.8	169.3	168.8
27.5°	154.2	153.7	153.7	153.7	153.7
30°	140.2	139.2	139.2	139.7	139.7
32.5°	125.7	125.7	126.2	125.7	125.7
35°	114.2	113.7	113.7	114.2	114.2
37.5°	102.7	102.2	102.2	102.7	102.7
40°	92.6	92.6	92.1	92.6	92.6
42.5°	83.1	83.1	83.1	83.1	83.1
45°	75.1	74.6	74.6	74.6	74.6
47.5°	67.1	67.1	67.1	66.6	67.1
50°	60.6	60.1	60.1	60.1	60.1
52.5°	53.6	53.6	53.6	53.6	53.6
55°	47.6	47.6	47.6	47.6	47.6
57.5°	42.6	42.1	42.1	42.1	42.1
60°	37.6	37.6	37.1	37.6	37.6
62.5°	32.5	32.5	32.5	32.5	32.5
65°	28.5	28.5	28.5	28.5	28.5
67.5°	24.5	24.5	24.5	24.5	24.5
70°	20.5	20.5	20.5	20.5	20.5
72.5°	17.5	17.0	17.0	17.0	17.0
75°	14.0	14.0	13.5	14.0	14.0
77.5°	10.5	10.5	10.5	10.5	10.5
80°	8.0	8.0	8.0	7.5	8.0
82.5°	5.0	5.0	5.0	5.0	5.0
85°	2.5	2.5	2.5	2.5	2.5
87.5°	0.5	0.5	0.5	1.0	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)