

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: P1318964

Luminaire Tested: LDSQA3D05R359835DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318964
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: LDSQA3D05R359835DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

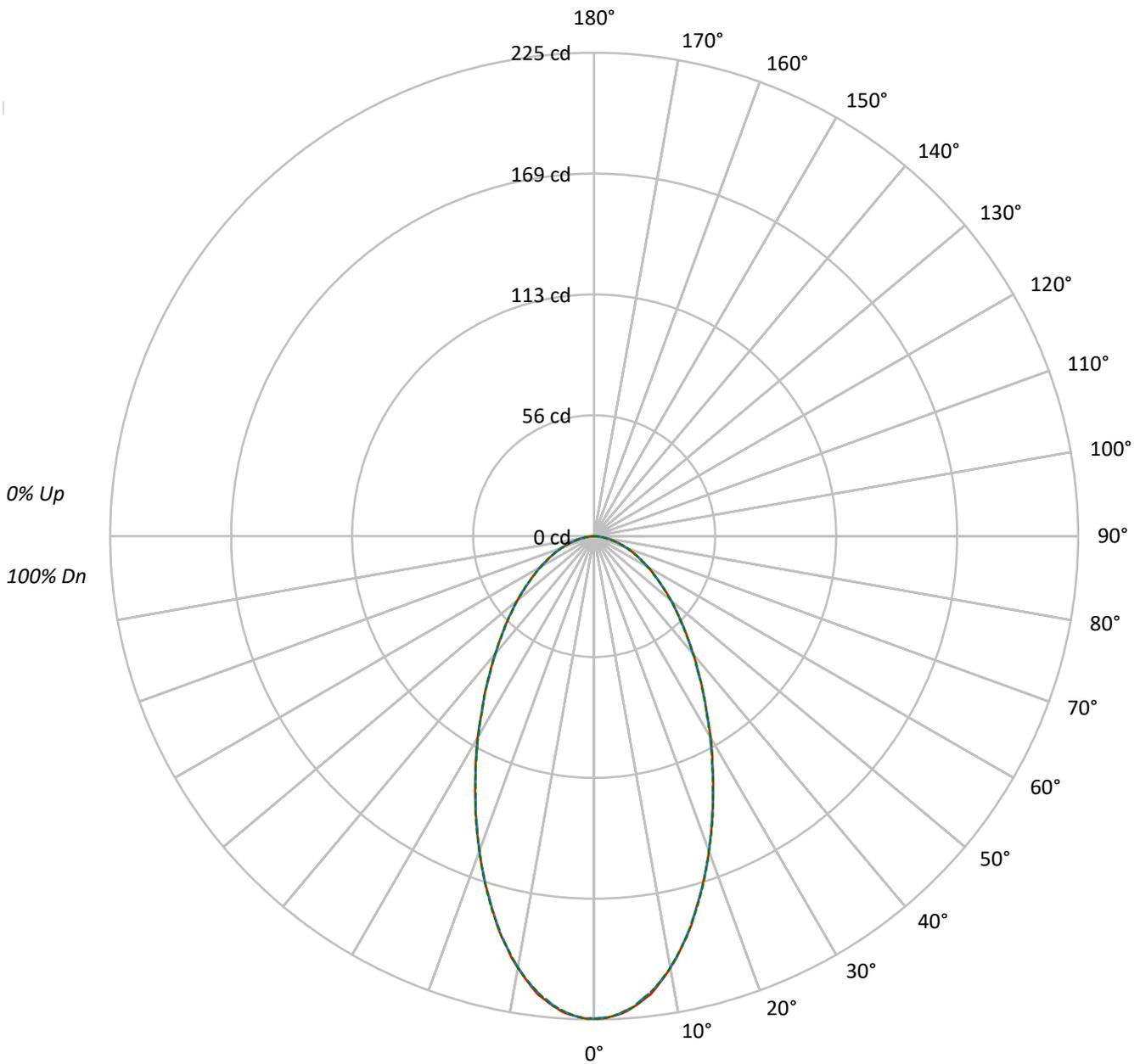
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 41.7 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 (A_{in}): 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	64	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	37
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°	38681	38681	38681
5°	37947	37878	37947
10°	35675	35623	35675
15°	32308	32308	32379
20°	28591	28591	28591
25°	24874	24798	24798
30°	21557	21398	21477
35°	18565	18481	18565
40°	16097	16007	16097
45°	14151	14053	14053
50°	12539	12459	12459
55°	11050	11050	11050
60°	9989	9886	9989
65°	9006	9006	9006
70°	8006	8006	8006
75°	7187	6987	7187
80°	6149	6149	6149
85°	3754	3754	3754

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14151 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.4	6.8
10°-20°	50.5	16.8
20°-30°	60.1	20.0
30°-40°	55.2	18.4
40°-50°	44.8	14.9
50°-60°	33.2	11.0
60°-70°	21.9	7.3
70°-80°	11.4	3.8
80°-90°	2.6	0.9
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°	131.0	43.7
0°-40°	186.2	62.1
0°-60°	264.2	88.1
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	225	225	225	225	225	
5°	220	219	219	219	220	20
15°	181	181	181	181	182	51
25°	131	130	130	131	130	60
35°	88	88	88	88	88	55
45°	58	58	58	58	58	45
55°	37	37	37	37	37	33
65°	22	22	22	22	22	22
75°	11	11	10	11	11	11
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°	224.6	224.6	224.6	224.6	224.6
1°	224.6	224.2	224.2	224.2	224.6
2°	223.8	223.8	223.8	223.8	223.8
3°	223.0	222.6	222.6	222.6	222.6
4°	221.5	221.1	221.1	221.1	221.1
5°	219.5	219.1	219.1	219.1	219.5
6°	217.2	216.8	216.4	216.4	216.8
7°	214.9	214.1	214.1	214.1	214.1
8°	211.4	211.0	211.0	211.0	211.0
9°	207.9	207.1	207.5	207.5	207.5
10°	204.0	203.7	203.7	203.7	204.0
11°	200.2	199.8	199.8	199.4	199.8
12°	195.5	195.5	195.5	195.5	195.5
13°	191.3	190.9	190.9	190.9	191.3
14°	186.6	186.2	186.2	186.2	186.2
15°	181.2	181.2	181.2	181.2	181.6
17.5°	168.8	168.4	168.8	168.8	169.2
20°	156.0	155.6	156.0	156.0	156.0
22.5°	143.3	143.3	142.9	143.3	143.6
25°	130.9	130.5	130.5	130.9	130.5
27.5°	119.2	118.9	118.9	118.9	118.9
30°	108.4	107.6	107.6	108.0	108.0
32.5°	97.2	97.2	97.6	97.2	97.2
35°	88.3	87.9	87.9	88.3	88.3
37.5°	79.4	79.0	79.0	79.4	79.4
40°	71.6	71.6	71.2	71.6	71.6
42.5°	64.3	64.3	64.3	64.3	64.3
45°	58.1	57.7	57.7	57.7	57.7
47.5°	51.9	51.9	51.9	51.5	51.9
50°	46.8	46.5	46.5	46.5	46.5
52.5°	41.4	41.4	41.4	41.4	41.4
55°	36.8	36.8	36.8	36.8	36.8
57.5°	32.9	32.5	32.5	32.5	32.5
60°	29.0	29.0	28.7	29.0	29.0
62.5°	25.2	25.2	25.2	25.2	25.2
65°	22.1	22.1	22.1	22.1	22.1
67.5°	19.0	19.0	19.0	19.0	19.0
70°	15.9	15.9	15.9	15.9	15.9
72.5°	13.6	13.2	13.2	13.2	13.2
75°	10.8	10.8	10.5	10.8	10.8
77.5°	8.1	8.1	8.1	8.1	8.1
80°	6.2	6.2	6.2	5.8	6.2
82.5°	3.9	3.9	3.9	3.9	3.9
85°	1.9	1.9	1.9	1.9	1.9
87.5°	0.4	0.4	0.4	0.8	0.8



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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)