

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: P1318380

Luminaire Tested: LDSQA3D13R359830DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318380
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: LDSQA3D13R359830DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

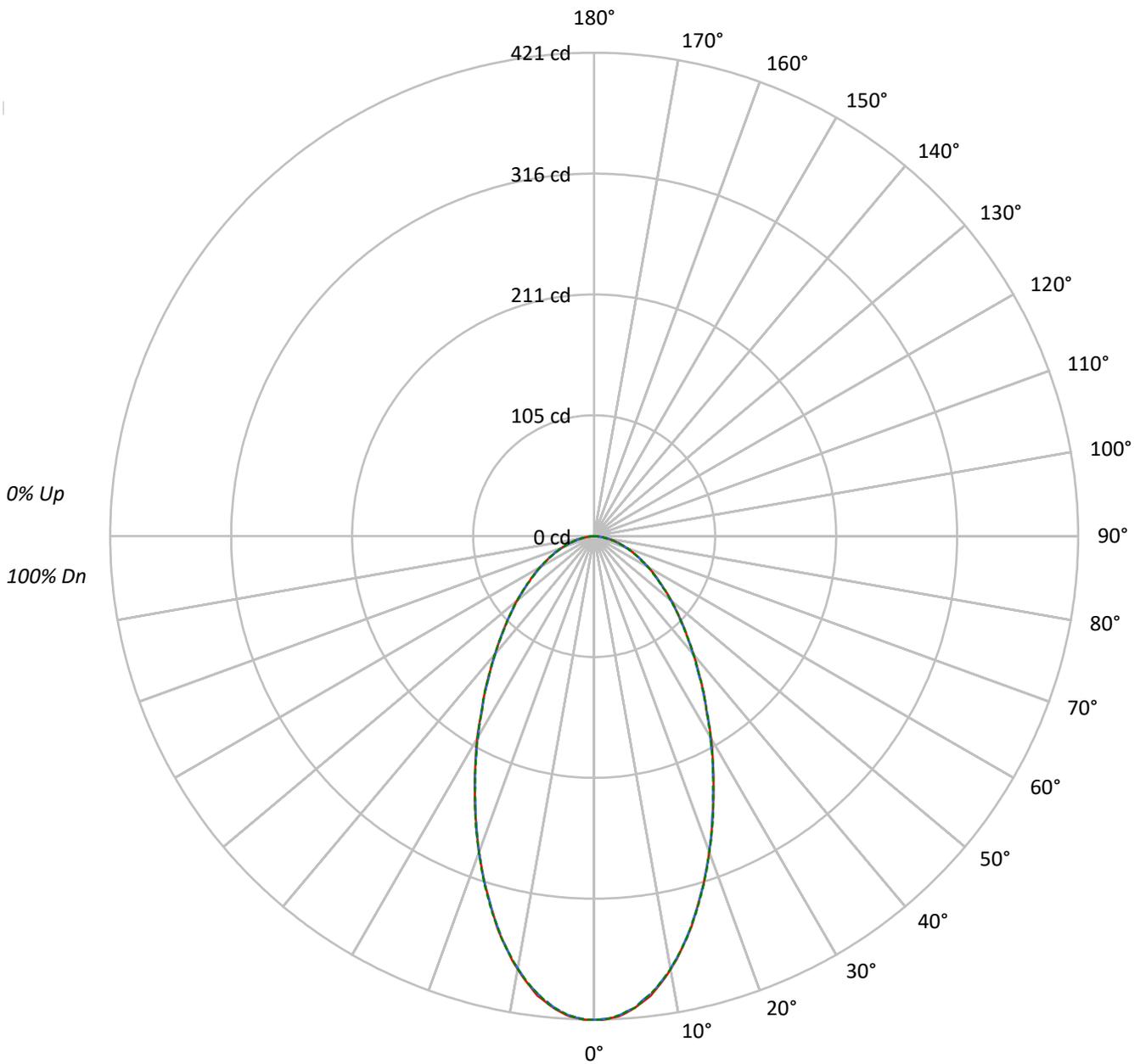
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 563.0 lumens
Efficiency: N/A
Efficacy: 38.8 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): 14.5
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	72575	72575	72575
5°	71227	71106	71227
10°	66961	66839	66961
15°	60621	60621	60764
20°	53663	53663	53663
25°	46671	46538	46538
30°	40449	40171	40310
35°	34838	34669	34838
40°	30216	30059	30216
45°	26548	26378	26378
50°	23551	23364	23364
55°	20718	20718	20718
60°	18772	18531	18772
65°	16871	16871	16871
70°	15006	15006	15006
75°	13508	13042	13508
80°	11505	11505	11505
85°	7114	7114	7114

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26548 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.3	6.8
10°-20°	94.9	16.8
20°-30°	112.7	20.0
30°-40°	103.6	18.4
40°-50°	84.1	14.9
50°-60°	62.2	11.0
60°-70°	41.1	7.3
70°-80°	21.3	3.8
80°-90°	4.8	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°	245.9	43.7
0°-40°	349.5	62.1
0°-60°	495.8	88.1
0°-90°	563.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	563.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	421	421	421	421	421	
5°	412	411	411	411	412	38
15°	340	340	340	340	341	95
25°	246	245	245	246	245	113
35°	166	165	165	166	166	104
45°	109	108	108	108	108	84
55°	69	69	69	69	69	62
65°	41	41	41	41	41	41
75°	20	20	20	20	20	22
85°	4	4	4	4	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	421.4	421.4	421.4	421.4	421.4
1°	421.4	420.7	420.7	420.7	421.4
2°	420.0	420.0	420.0	420.0	420.0
3°	418.5	417.8	417.8	417.8	417.8
4°	415.6	414.9	414.9	414.9	414.9
5°	412.0	411.3	411.3	411.3	412.0
6°	407.6	406.9	406.2	406.2	406.9
7°	403.3	401.8	401.8	401.8	401.8
8°	396.7	396.0	396.0	396.0	396.0
9°	390.2	388.7	389.5	389.5	389.5
10°	382.9	382.2	382.2	382.2	382.9
11°	375.7	374.9	374.9	374.2	374.9
12°	366.9	366.9	366.9	366.9	366.9
13°	358.9	358.2	358.2	358.2	358.9
14°	350.2	349.5	349.5	349.5	349.5
15°	340.0	340.0	340.0	340.0	340.8
17.5°	316.8	316.1	316.8	316.8	317.5
20°	292.8	292.1	292.8	292.8	292.8
22.5°	268.8	268.8	268.1	268.8	269.6
25°	245.6	244.9	244.9	245.6	244.9
27.5°	223.8	223.1	223.1	223.1	223.1
30°	203.4	202.0	202.0	202.7	202.7
32.5°	182.4	182.4	183.1	182.4	182.4
35°	165.7	164.9	164.9	165.7	165.7
37.5°	149.0	148.2	148.2	149.0	149.0
40°	134.4	134.4	133.7	134.4	134.4
42.5°	120.6	120.6	120.6	120.6	120.6
45°	109.0	108.3	108.3	108.3	108.3
47.5°	97.4	97.4	97.4	96.6	97.4
50°	87.9	87.2	87.2	87.2	87.2
52.5°	77.7	77.7	77.7	77.7	77.7
55°	69.0	69.0	69.0	69.0	69.0
57.5°	61.8	61.0	61.0	61.0	61.0
60°	54.5	54.5	53.8	54.5	54.5
62.5°	47.2	47.2	47.2	47.2	47.2
65°	41.4	41.4	41.4	41.4	41.4
67.5°	35.6	35.6	35.6	35.6	35.6
70°	29.8	29.8	29.8	29.8	29.8
72.5°	25.4	24.7	24.7	24.7	24.7
75°	20.3	20.3	19.6	20.3	20.3
77.5°	15.3	15.3	15.3	15.3	15.3
80°	11.6	11.6	11.6	10.9	11.6
82.5°	7.3	7.3	7.3	7.3	7.3
85°	3.6	3.6	3.6	3.6	3.6
87.5°	0.7	0.7	0.7	1.5	1.5



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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)