

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: P1314673

Luminaire Tested: LDSQA3D13R359730DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314673
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: LDSQA3D13R359730DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

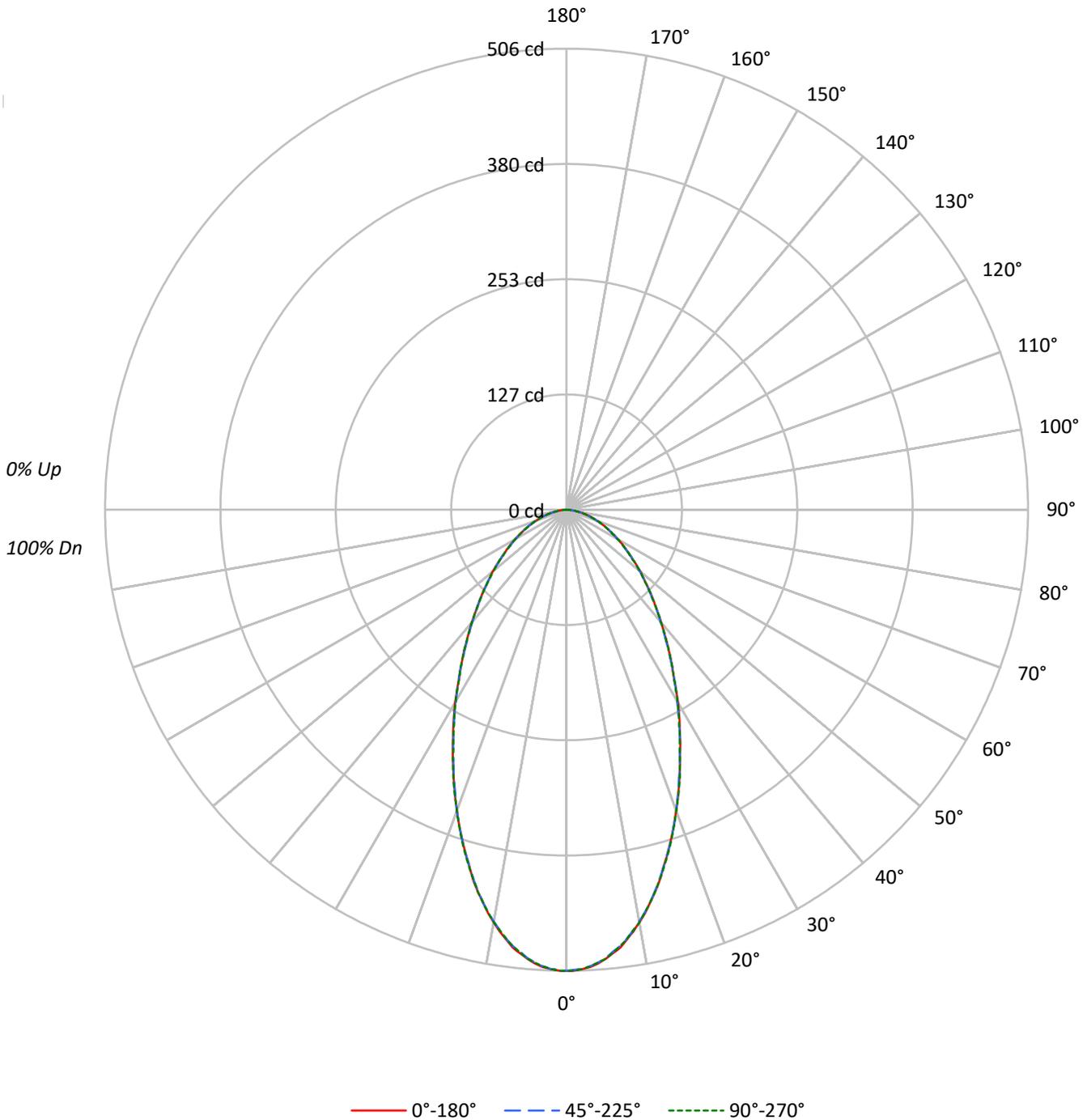
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 676.0 lumens
Efficiency: N/A
Efficacy: 46.3 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): 14.6
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





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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°	87145	87145	87145
5°	85524	85368	85524
10°	80410	80252	80410
15°	72799	72799	72960
20°	64440	64440	64440
25°	56039	55868	55868
30°	48583	48225	48404
35°	41818	41629	41818
40°	36286	36084	36286
45°	31882	31663	31663
50°	28293	28052	28052
55°	24892	24892	24892
60°	22527	22251	22527
65°	20253	20253	20253
70°	18027	18027	18027
75°	16236	15704	16236
80°	13885	13885	13885
85°	8695	8695	8695

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 31882 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.0	6.8
10°-20°	113.9	16.8
20°-30°	135.3	20.0
30°-40°	124.4	18.4
40°-50°	101.0	14.9
50°-60°	74.7	11.1
60°-70°	49.3	7.3
70°-80°	25.6	3.8
80°-90°	5.8	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°	295.2	43.7
0°-40°	419.6	62.1
0°-60°	595.3	88.1
0°-90°	676.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	676.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	506	506	506	506	506	
5°	495	494	494	494	495	46
15°	408	408	408	408	409	114
25°	295	294	294	295	294	136
35°	199	198	198	199	199	125
45°	131	130	130	130	130	101
55°	83	83	83	83	83	75
65°	50	50	50	50	50	49
75°	24	24	24	24	24	26
85°	4	4	4	4	4	6
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	506.0	506.0	506.0	506.0	506.0
1°	506.0	505.1	505.1	505.1	506.0
2°	504.3	504.3	504.3	504.3	504.3
3°	502.5	501.6	501.6	501.6	501.6
4°	499.0	498.2	498.2	498.2	498.2
5°	494.7	493.8	493.8	493.8	494.7
6°	489.4	488.6	487.7	487.7	488.6
7°	484.2	482.5	482.5	482.5	482.5
8°	476.3	475.5	475.5	475.5	475.5
9°	468.5	466.8	467.6	467.6	467.6
10°	459.8	458.9	458.9	458.9	459.8
11°	451.0	450.2	450.2	449.3	450.2
12°	440.6	440.6	440.6	440.6	440.6
13°	431.0	430.1	430.1	430.1	431.0
14°	420.5	419.6	419.6	419.6	419.6
15°	408.3	408.3	408.3	408.3	409.2
17.5°	380.4	379.5	380.4	380.4	381.3
20°	351.6	350.7	351.6	351.6	351.6
22.5°	322.8	322.8	321.9	322.8	323.7
25°	294.9	294.0	294.0	294.9	294.0
27.5°	268.7	267.8	267.8	267.8	267.8
30°	244.3	242.5	242.5	243.4	243.4
32.5°	219.0	219.0	219.9	219.0	219.0
35°	198.9	198.0	198.0	198.9	198.9
37.5°	178.8	178.0	178.0	178.8	178.8
40°	161.4	161.4	160.5	161.4	161.4
42.5°	144.8	144.8	144.8	144.8	144.8
45°	130.9	130.0	130.0	130.0	130.0
47.5°	116.9	116.9	116.9	116.0	116.9
50°	105.6	104.7	104.7	104.7	104.7
52.5°	93.4	93.4	93.4	93.4	93.4
55°	82.9	82.9	82.9	82.9	82.9
57.5°	74.2	73.3	73.3	73.3	73.3
60°	65.4	65.4	64.6	65.4	65.4
62.5°	56.7	56.7	56.7	56.7	56.7
65°	49.7	49.7	49.7	49.7	49.7
67.5°	42.7	42.7	42.7	42.7	42.7
70°	35.8	35.8	35.8	35.8	35.8
72.5°	30.5	29.7	29.7	29.7	29.7
75°	24.4	24.4	23.6	24.4	24.4
77.5°	18.3	18.3	18.3	18.3	18.3
80°	14.0	14.0	14.0	13.1	14.0
82.5°	8.7	8.7	8.7	8.7	8.7
85°	4.4	4.4	4.4	4.4	4.4
87.5°	0.9	0.9	0.9	1.7	1.7



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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)