

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: P1315286

Luminaire Tested: LDSQA3D05R259735DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315286
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R259735DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

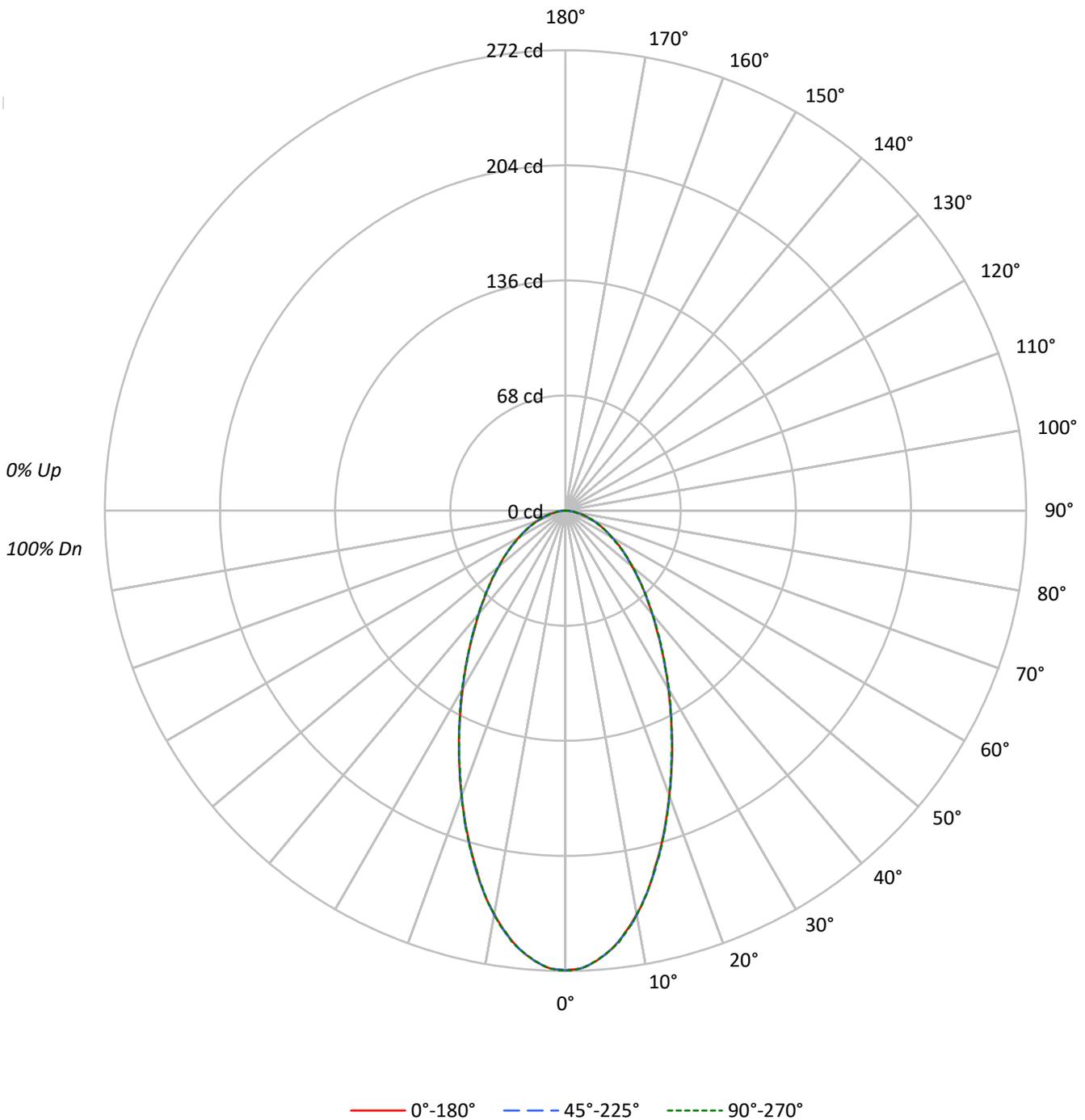
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 340.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
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





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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	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	46776	46776	46776
5°	45571	45571	45571
10°	42356	42426	42356
15°	37764	37853	37853
20°	32843	32916	32843
25°	28295	28200	28200
30°	24122	24222	24321
35°	20709	20709	20793
40°	17941	17941	17941
45°	15685	15685	15685
50°	13745	13745	13879
55°	12341	12341	12341
60°	10919	10919	10919
65°	9903	9903	9903
70°	8913	8711	8913
75°	8052	7785	7785
80°	6447	6447	6447
85°	4545	4545	4545

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15685 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.5	7.2
10°-20°	59.1	17.4
20°-30°	68.3	20.1
30°-40°	61.9	18.2
40°-50°	49.9	14.7
50°-60°	36.8	10.8
60°-70°	24.2	7.1
70°-80°	12.5	3.7
80°-90°	2.8	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°	151.9	44.7
0°-40°	213.9	62.9
0°-60°	300.5	88.4
0°-90°	340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	340.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	272	272	272	272	272	
5°	264	265	264	264	264	24
15°	212	212	212	212	212	59
25°	149	148	148	149	148	68
35°	98	98	98	98	99	62
45°	64	64	64	64	64	50
55°	41	41	41	41	41	37
65°	24	24	24	24	24	24
75°	12	12	12	12	12	13
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°	271.6	271.6	271.6	271.6	271.6
1°	271.1	272.0	271.1	271.1	271.6
2°	270.6	271.1	270.6	270.6	270.6
3°	268.8	269.7	268.8	268.8	268.8
4°	266.4	267.4	266.4	266.4	266.4
5°	263.6	264.6	263.6	263.6	263.6
6°	260.4	260.8	260.4	260.4	260.4
7°	256.6	257.1	256.6	256.6	257.1
8°	252.0	252.4	252.4	252.0	252.0
9°	247.3	247.8	247.8	247.3	247.8
10°	242.2	242.6	242.6	242.2	242.2
11°	237.0	237.5	236.6	236.6	237.0
12°	231.0	231.4	231.0	231.0	231.0
13°	224.9	224.9	224.9	224.9	224.9
14°	217.9	218.8	218.8	218.4	217.9
15°	211.8	212.3	212.3	211.8	212.3
17.5°	195.5	196.4	196.0	196.0	196.0
20°	179.2	179.6	179.6	179.2	179.2
22.5°	163.8	163.3	163.3	163.3	163.3
25°	148.9	148.4	148.4	148.9	148.4
27.5°	134.4	134.9	134.9	134.4	134.9
30°	121.3	121.3	121.8	121.3	122.3
32.5°	109.7	109.7	109.2	109.7	109.7
35°	98.5	98.5	98.5	98.5	98.9
37.5°	88.2	88.7	89.1	89.1	88.7
40°	79.8	79.8	79.8	79.8	79.8
42.5°	71.4	71.4	71.9	71.9	71.9
45°	64.4	64.4	64.4	64.4	64.4
47.5°	57.9	57.9	57.4	57.4	57.9
50°	51.3	51.8	51.3	51.3	51.8
52.5°	46.2	45.7	45.7	46.2	46.2
55°	41.1	41.1	41.1	40.6	41.1
57.5°	36.4	36.4	35.9	35.9	35.9
60°	31.7	31.7	31.7	31.7	31.7
62.5°	28.0	28.0	28.0	28.0	28.0
65°	24.3	24.3	24.3	24.3	24.3
67.5°	21.0	21.0	21.0	21.0	20.5
70°	17.7	17.7	17.3	17.3	17.7
72.5°	14.5	14.5	14.5	14.5	14.5
75°	12.1	11.7	11.7	11.7	11.7
77.5°	9.3	9.3	8.9	9.3	8.9
80°	6.5	6.5	6.5	6.5	6.5
82.5°	4.7	4.2	4.2	4.2	4.2
85°	2.3	2.3	2.3	2.3	2.3
87.5°	0.5	0.5	0.5	0.5	0.9



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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)