

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: P1310063

Luminaire Tested: LDSQA3D05R359035DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310063
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: LDSQA3D05R359035DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

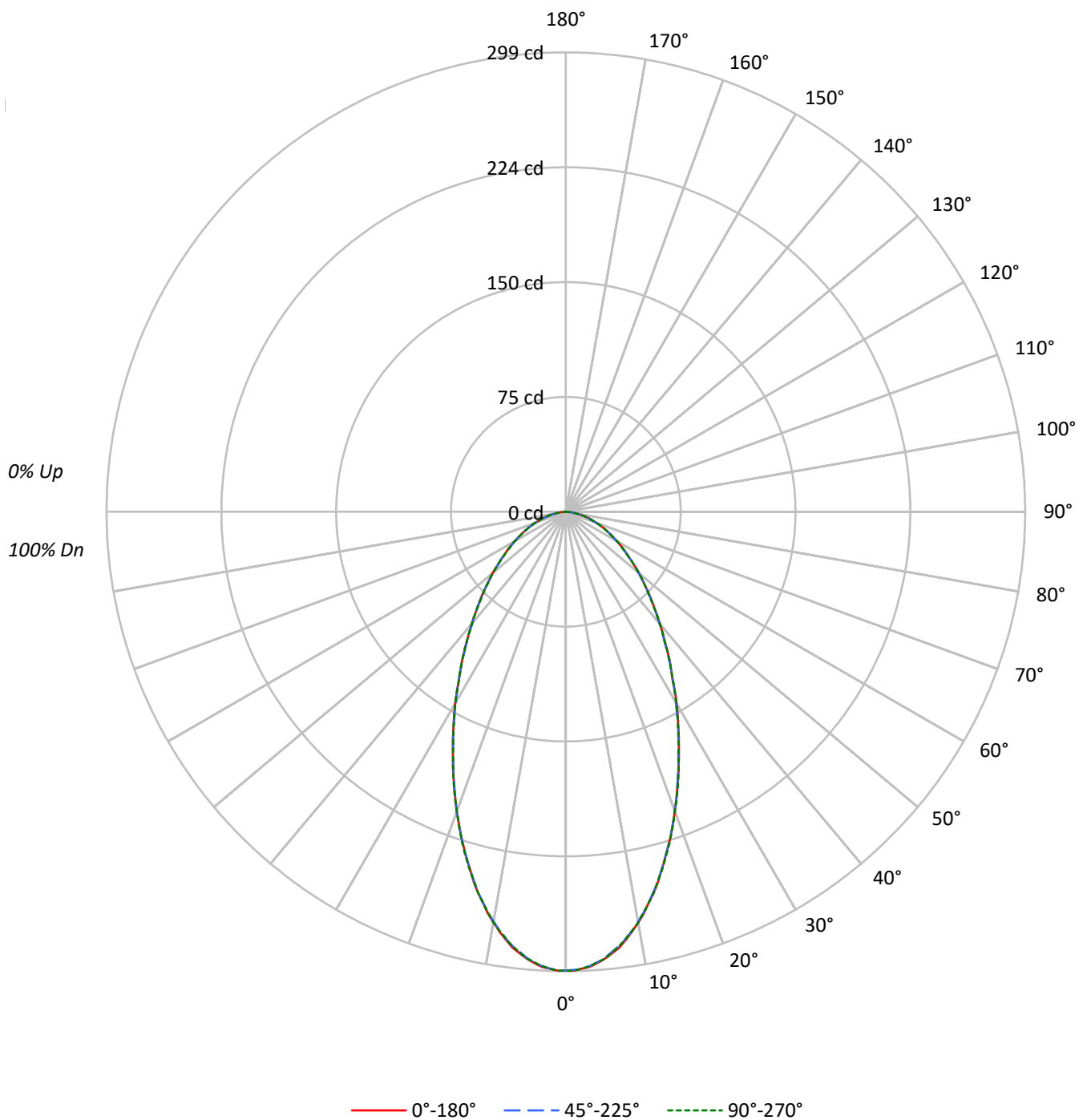
Lumens per Lamp: N/A
Luminaire Lumens: 399.0 lumens
Efficiency: N/A
Efficacy: 55.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	107	103	100	108	105	101	99	100	98	95		97	95	93		93
2	103	96	90	85	100	94	89	84	90	86	82		87	84	81		84
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77
4	88	78	71	65	86	77	70	65	75	68	64		72	67	63		70
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65
6	77	65	58	52	75	65	57	52	63	56	51		61	55	51		60
7	72	60	53	47	71	60	52	47	58	52	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	43		53	47	43		52
9	64	52	45	40	63	51	44	40	50	44	39		49	44	39		48
10	60	49	42	37	59	48	41	37	47	41	37		46	41	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	51443	51443	51443
5°	50481	50395	50481
10°	47462	47375	47462
15°	42970	42970	43059
20°	38030	38030	38030
25°	33084	32970	32970
30°	28676	28478	28577
35°	24683	24578	24683
40°	21425	21291	21425
45°	18803	18681	18681
50°	16692	16558	16558
55°	14683	14683	14683
60°	13296	13123	13296
65°	11981	11981	11981
70°	10625	10625	10625
75°	9582	9249	9582
80°	8133	8133	8133
85°	5138	5138	5138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18803 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.2	6.8
10°-20°	67.2	16.8
20°-30°	79.9	20.0
30°-40°	73.4	18.4
40°-50°	59.6	14.9
50°-60°	44.1	11.1
60°-70°	29.1	7.3
70°-80°	15.1	3.8
80°-90°	3.4	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°	174.3	43.7
0°-40°	247.7	62.1
0°-60°	351.4	88.1
0°-90°	399.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	399.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	299	299	299	299	299	
5°	292	292	292	292	292	27
15°	241	241	241	241	242	67
25°	174	174	174	174	174	80
35°	117	117	117	117	117	74
45°	77	77	77	77	77	60
55°	49	49	49	49	49	44
65°	29	29	29	29	29	29
75°	14	14	14	14	14	15
85°	3	3	3	3	3	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	298.7	298.7	298.7	298.7	298.7
1°	298.7	298.2	298.2	298.2	298.7
2°	297.6	297.6	297.6	297.6	297.6
3°	296.6	296.1	296.1	296.1	296.1
4°	294.5	294.0	294.0	294.0	294.0
5°	292.0	291.5	291.5	291.5	292.0
6°	288.9	288.4	287.9	287.9	288.4
7°	285.8	284.8	284.8	284.8	284.8
8°	281.2	280.6	280.6	280.6	280.6
9°	276.5	275.5	276.0	276.0	276.0
10°	271.4	270.9	270.9	270.9	271.4
11°	266.2	265.7	265.7	265.2	265.7
12°	260.0	260.0	260.0	260.0	260.0
13°	254.4	253.9	253.9	253.9	254.4
14°	248.2	247.7	247.7	247.7	247.7
15°	241.0	241.0	241.0	241.0	241.5
17.5°	224.5	224.0	224.5	224.5	225.0
20°	207.5	207.0	207.5	207.5	207.5
22.5°	190.5	190.5	190.0	190.5	191.0
25°	174.1	173.5	173.5	174.1	173.5
27.5°	158.6	158.1	158.1	158.1	158.1
30°	144.2	143.2	143.2	143.7	143.7
32.5°	129.3	129.3	129.8	129.3	129.3
35°	117.4	116.9	116.9	117.4	117.4
37.5°	105.6	105.0	105.0	105.6	105.6
40°	95.3	95.3	94.7	95.3	95.3
42.5°	85.5	85.5	85.5	85.5	85.5
45°	77.2	76.7	76.7	76.7	76.7
47.5°	69.0	69.0	69.0	68.5	69.0
50°	62.3	61.8	61.8	61.8	61.8
52.5°	55.1	55.1	55.1	55.1	55.1
55°	48.9	48.9	48.9	48.9	48.9
57.5°	43.8	43.3	43.3	43.3	43.3
60°	38.6	38.6	38.1	38.6	38.6
62.5°	33.5	33.5	33.5	33.5	33.5
65°	29.4	29.4	29.4	29.4	29.4
67.5°	25.2	25.2	25.2	25.2	25.2
70°	21.1	21.1	21.1	21.1	21.1
72.5°	18.0	17.5	17.5	17.5	17.5
75°	14.4	14.4	13.9	14.4	14.4
77.5°	10.8	10.8	10.8	10.8	10.8
80°	8.2	8.2	8.2	7.7	8.2
82.5°	5.1	5.1	5.1	5.1	5.1
85°	2.6	2.6	2.6	2.6	2.6
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)