

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: P1315321

Luminaire Tested: LDSQA3D05R359735DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315321
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359735DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

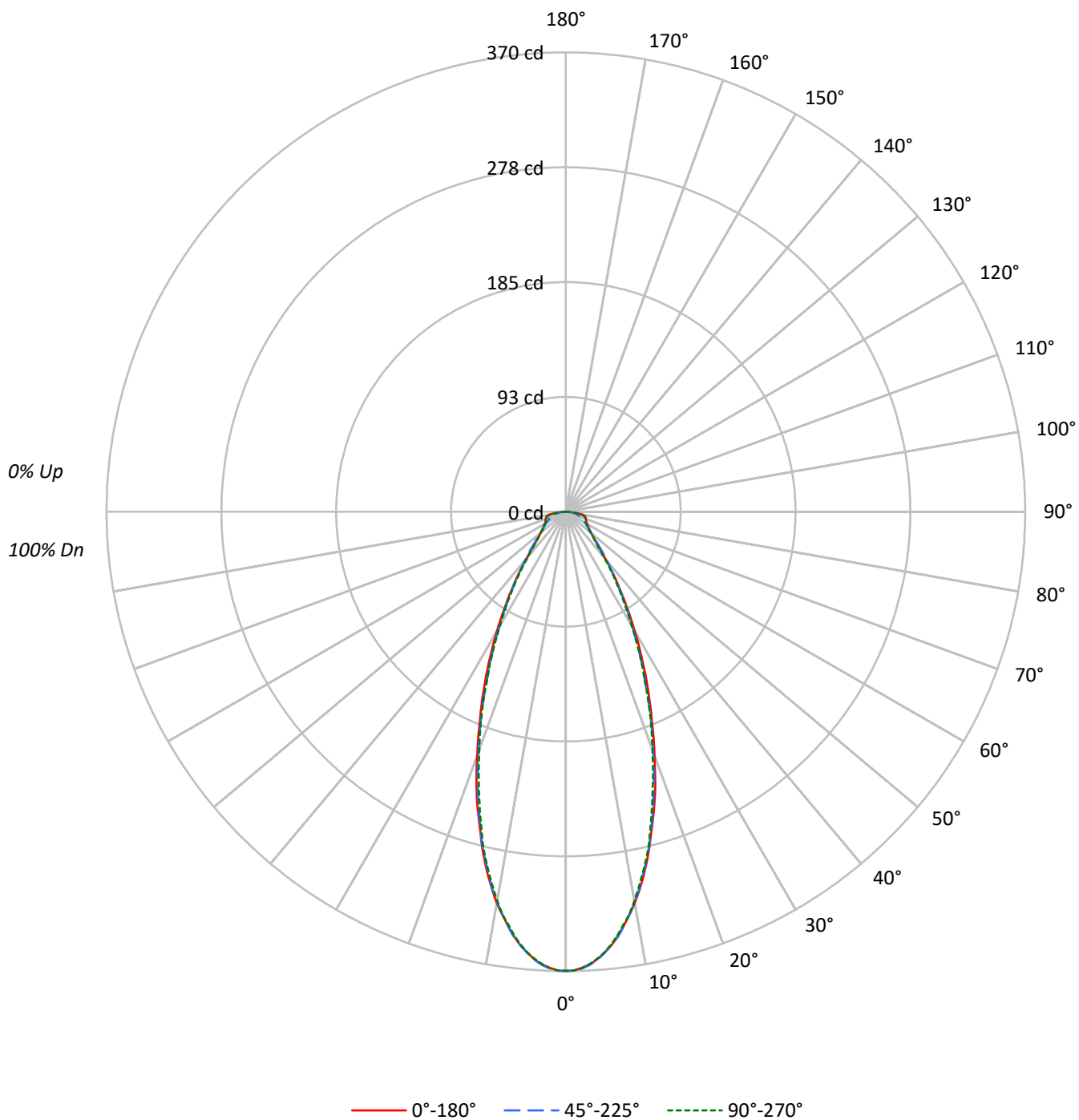
Lumens per Lamp: N/A
Luminaire Lumens: 306.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	63688	63688	63688
5°	61597	61684	61597
10°	55961	55874	55629
15°	47499	47338	46928
20°	38250	37736	37388
25°	29568	28675	28675
30°	22054	21299	21120
35°	15873	15663	15285
40°	11106	11421	10679
45°	8281	8744	8062
50°	7127	7127	6993
55°	6726	6426	6576
60°	6889	6269	6579
65°	7417	6276	7213
70°	8661	6546	8460
75°	10846	6787	10514
80°	13885	7438	12497
85°	11066	7311	11066

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 13885 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	10.7
10°-20°	73.3	24.0
20°-30°	70.0	22.9
30°-40°	47.0	15.4
40°-50°	27.6	9.0
50°-60°	19.7	6.5
60°-70°	16.4	5.4
70°-80°	13.5	4.4
80°-90°	5.6	1.8
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°	176.2	57.6
0°-40°	223.2	72.9
0°-60°	270.5	88.4
0°-90°	306.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	306.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	370	370	370	370	370	
5°	356	357	357	356	356	33
15°	266	267	266	264	263	74
25°	156	154	151	151	151	71
35°	76	76	74	73	73	48
45°	34	35	36	34	33	27
55°	22	22	21	21	22	20
65°	18	16	15	16	18	18
75°	16	13	10	13	16	17
85°	6	6	4	6	6	6
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	369.8	369.8	369.8	369.8	369.8
1°	369.4	369.8	369.8	369.4	369.4
2°	367.5	368.4	368.0	367.5	368.0
3°	365.2	366.1	365.7	365.2	364.7
4°	361.5	362.4	361.9	361.0	361.0
5°	356.3	357.3	356.8	356.3	356.3
6°	351.2	352.1	351.2	350.3	350.3
7°	344.2	345.6	344.7	343.8	343.3
8°	336.3	337.7	336.8	336.3	335.4
9°	328.4	329.3	327.9	327.9	327.9
10°	320.0	320.5	319.5	318.1	318.1
11°	310.7	310.2	309.8	308.8	307.9
12°	300.4	300.4	299.0	298.1	297.6
13°	289.7	289.3	288.3	287.4	287.4
14°	278.5	278.5	277.6	275.8	276.2
15°	266.4	266.9	265.5	263.6	263.2
17.5°	239.0	238.0	235.7	234.3	232.9
20°	208.7	208.2	205.9	204.5	204.0
22.5°	180.7	180.3	177.9	176.5	177.5
25°	155.6	153.7	150.9	150.9	150.9
27.5°	132.3	130.0	128.1	127.2	128.1
30°	110.9	109.0	107.1	106.7	106.2
32.5°	91.8	90.8	89.9	88.5	88.5
35°	75.5	75.5	74.5	73.1	72.7
37.5°	61.5	62.0	61.5	60.1	59.6
40°	49.4	50.3	50.8	49.4	47.5
42.5°	40.5	41.9	42.9	40.5	39.1
45°	34.0	34.9	35.9	34.0	33.1
47.5°	29.8	30.3	30.7	29.3	28.9
50°	26.6	26.6	26.6	26.1	26.1
52.5°	24.2	24.2	23.8	23.3	23.3
55°	22.4	21.9	21.4	21.4	21.9
57.5°	21.0	20.5	19.6	20.0	20.5
60°	20.0	19.1	18.2	18.6	19.1
62.5°	18.6	17.7	16.8	17.2	18.2
65°	18.2	16.3	15.4	16.3	17.7
67.5°	17.7	15.4	14.0	15.4	17.2
70°	17.2	14.4	13.0	14.4	16.8
72.5°	16.8	13.5	11.6	13.5	16.3
75°	16.3	12.6	10.2	12.6	15.8
77.5°	15.4	11.6	8.9	11.6	14.4
80°	14.0	10.7	7.5	10.2	12.6
82.5°	10.2	8.9	6.1	8.9	9.3
85°	5.6	6.1	3.7	6.1	5.6
87.5°	0.5	0.9	0.9	2.8	1.9



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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)