

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: P1318965

Luminaire Tested: LDSQA3D05R359835DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318965
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: LDSQA3D05R359835DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

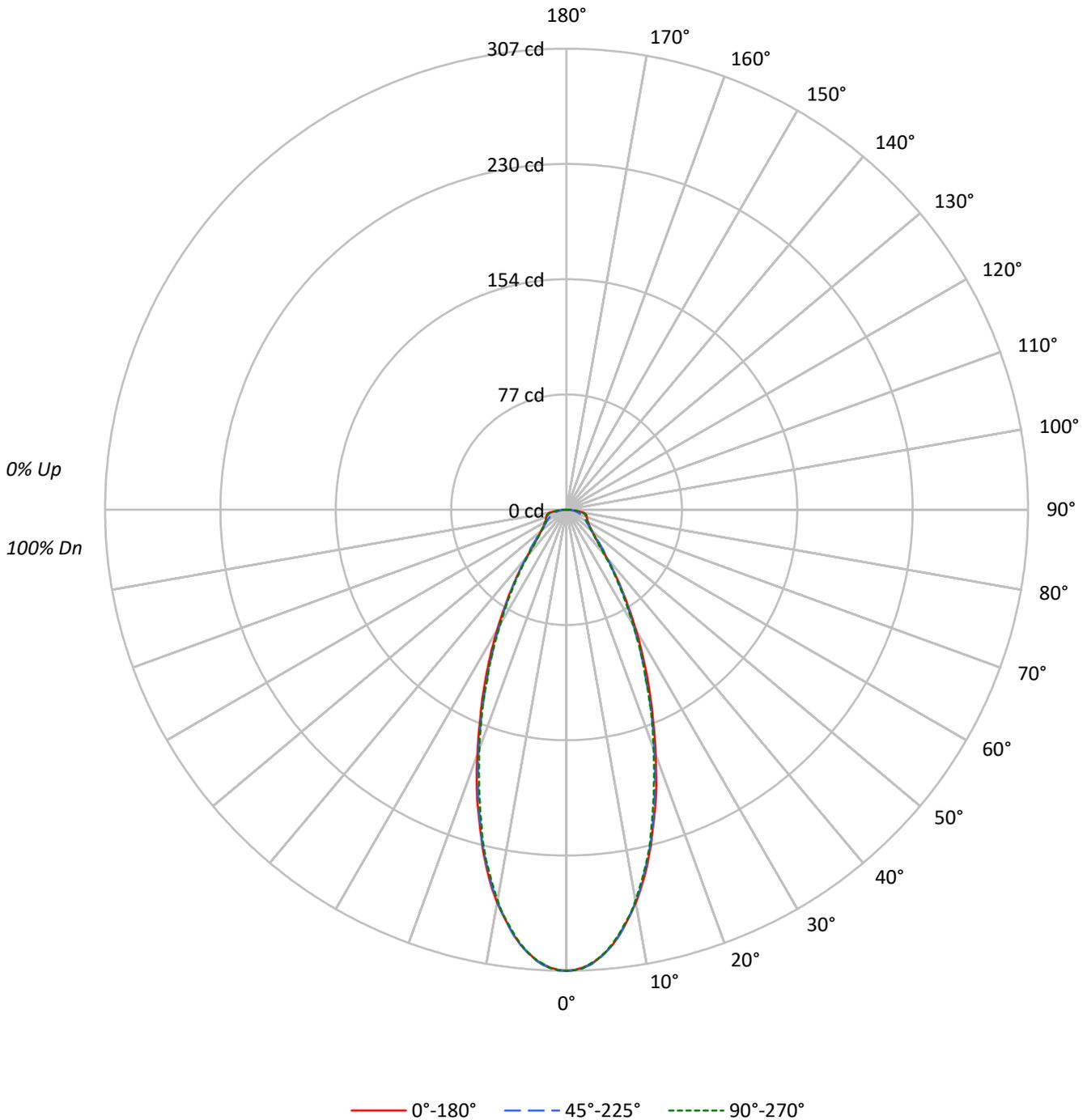
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 254.0 lumens
Efficiency: N/A
Efficacy: 35.3 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 (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





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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	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56
7	77	66	60	55	76	66	59	55	64	58	54	63	58	54	62	57	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	52872	52872	52872
5°	51138	51207	51138
10°	46448	46378	46186
15°	39440	39297	38958
20°	31743	31322	31047
25°	24532	23810	23810
30°	18296	17679	17540
35°	13161	13014	12678
40°	9218	9465	8858
45°	6868	7258	6698
50°	5894	5894	5814
55°	5585	5345	5465
60°	5718	5201	5477
65°	6153	5216	5990
70°	7201	5438	6999
75°	8983	5656	8717
80°	11505	6149	10315
85°	9090	6126	9090

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 11505 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	10.7
10°-20°	60.8	24.0
20°-30°	58.1	22.9
30°-40°	39.0	15.4
40°-50°	22.9	9.0
50°-60°	16.4	6.5
60°-70°	13.7	5.4
70°-80°	11.2	4.4
80°-90°	4.6	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°	146.2	57.6
0°-40°	185.3	72.9
0°-60°	224.6	88.4
0°-90°	254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	307	307	307	307	307	
5°	296	297	296	296	296	27
15°	221	222	220	219	218	61
25°	129	128	125	125	125	59
35°	63	63	62	61	60	40
45°	28	29	30	28	28	23
55°	19	18	18	18	18	17
65°	15	14	13	14	15	15
75°	14	10	8	10	13	14
85°	5	5	3	5	5	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	307.0	307.0	307.0	307.0	307.0
1°	306.6	307.0	307.0	306.6	306.6
2°	305.1	305.8	305.5	305.1	305.5
3°	303.1	303.9	303.5	303.1	302.7
4°	300.0	300.8	300.4	299.7	299.7
5°	295.8	296.6	296.2	295.8	295.8
6°	291.5	292.3	291.5	290.8	290.8
7°	285.7	286.9	286.1	285.3	285.0
8°	279.2	280.3	279.5	279.2	278.4
9°	272.6	273.4	272.2	272.2	272.2
10°	265.6	266.0	265.2	264.1	264.1
11°	257.9	257.5	257.1	256.3	255.6
12°	249.4	249.4	248.2	247.5	247.1
13°	240.5	240.1	239.3	238.6	238.6
14°	231.2	231.2	230.4	228.9	229.3
15°	221.2	221.5	220.4	218.8	218.5
17.5°	198.3	197.6	195.6	194.5	193.3
20°	173.2	172.8	170.9	169.7	169.4
22.5°	150.0	149.6	147.7	146.5	147.3
25°	129.1	127.6	125.3	125.3	125.3
27.5°	109.8	107.9	106.3	105.6	106.3
30°	92.0	90.5	88.9	88.5	88.2
32.5°	76.2	75.4	74.6	73.5	73.5
35°	62.6	62.6	61.9	60.7	60.3
37.5°	51.0	51.4	51.0	49.9	49.5
40°	41.0	41.8	42.1	41.0	39.4
42.5°	33.6	34.8	35.6	33.6	32.5
45°	28.2	29.0	29.8	28.2	27.5
47.5°	24.7	25.1	25.5	24.4	24.0
50°	22.0	22.0	22.0	21.7	21.7
52.5°	20.1	20.1	19.7	19.3	19.3
55°	18.6	18.2	17.8	17.8	18.2
57.5°	17.4	17.0	16.2	16.6	17.0
60°	16.6	15.9	15.1	15.5	15.9
62.5°	15.5	14.7	13.9	14.3	15.1
65°	15.1	13.5	12.8	13.5	14.7
67.5°	14.7	12.8	11.6	12.8	14.3
70°	14.3	12.0	10.8	12.0	13.9
72.5°	13.9	11.2	9.7	11.2	13.5
75°	13.5	10.4	8.5	10.4	13.1
77.5°	12.8	9.7	7.3	9.7	12.0
80°	11.6	8.9	6.2	8.5	10.4
82.5°	8.5	7.3	5.0	7.3	7.7
85°	4.6	5.0	3.1	5.0	4.6
87.5°	0.4	0.8	0.8	2.3	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)