

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: P1310537

Luminaire Tested: LDSQA3D17R359035DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310537
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359035DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

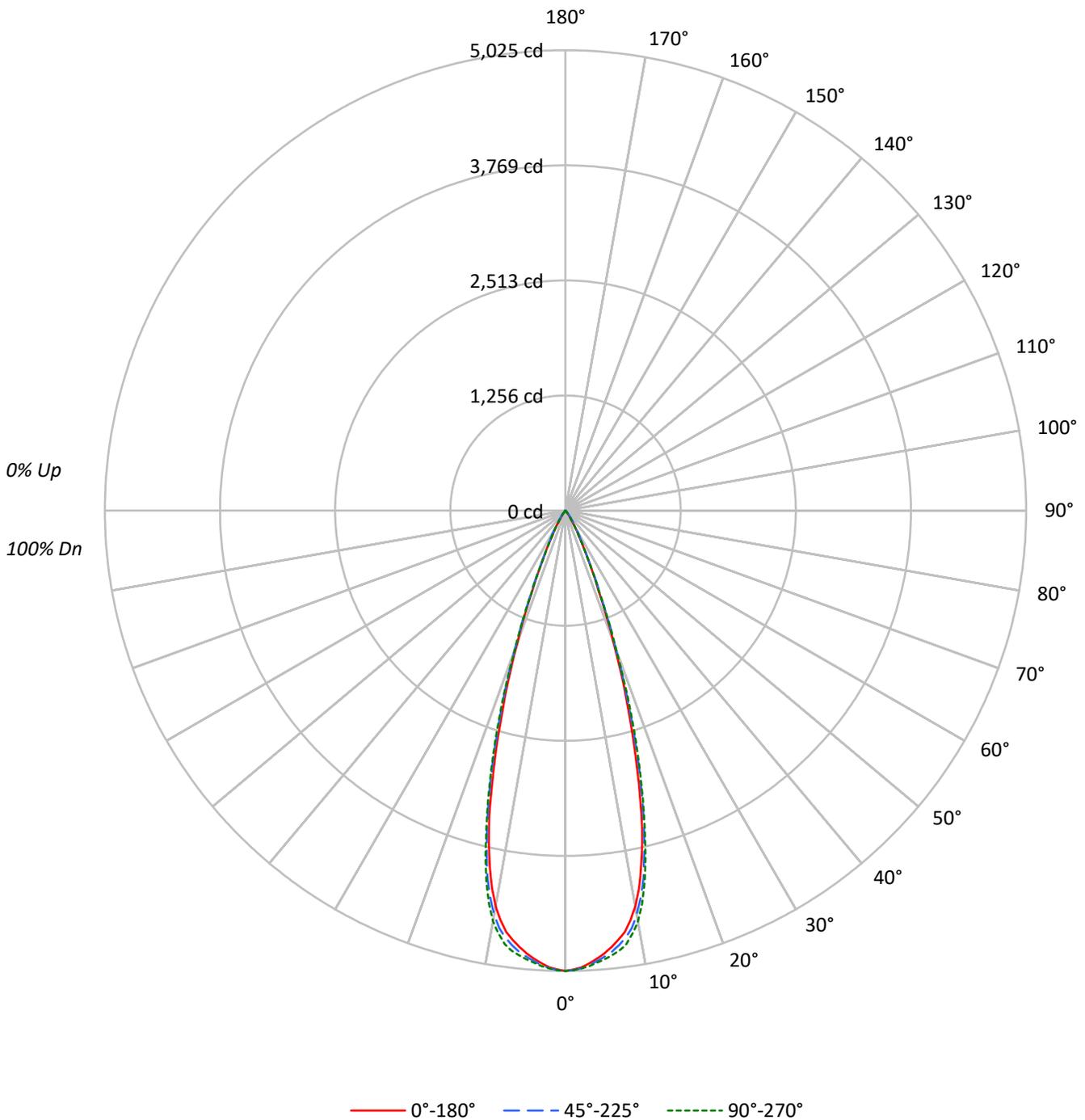
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1673.0 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	100	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	865367	865367	865367
5°	839127	845092	849673
10°	766794	783023	796453
15°	551440	575528	580253
20°	280741	294835	295550
25°	106510	108771	105750
30°	41364	47966	40310
35°	14213	22286	13372
40°	4766	8633	4474
45°	317	2898	317
50°	0	348	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2898 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	454.8	27.2
10°-20°	847.4	50.7
20°-30°	304.6	18.2
30°-40°	59.5	3.6
40°-50°	6.6	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1606.9	96.0
0°-40°	1666.3	99.6
0°-60°	1673.0	100.0
0°-90°	1673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1673.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5025	5025	5025	5025	5025	
5°	4854	4867	4888	4911	4915	450
15°	3093	3144	3228	3250	3254	822
25°	560	566	572	568	556	294
35°	68	77	106	78	64	50
45°	1	4	12	4	1	3
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5024.7	5024.7	5024.7	5024.7	5024.7
1°	5010.2	5016.8	5018.1	5027.4	5016.8
2°	4989.0	4992.9	4998.2	5006.2	5000.9
3°	4947.9	4955.8	4967.8	4978.4	4978.4
4°	4904.2	4914.8	4929.3	4947.9	4946.6
5°	4853.8	4867.1	4888.3	4910.8	4914.8
6°	4790.2	4806.1	4840.6	4872.4	4877.7
7°	4722.6	4746.5	4779.6	4826.0	4837.9
8°	4643.1	4661.7	4709.4	4763.7	4776.9
9°	4526.5	4554.3	4615.3	4665.6	4673.6
10°	4384.7	4404.6	4477.5	4530.5	4554.3
11°	4201.9	4231.0	4302.6	4356.9	4372.8
12°	3968.6	4011.0	4094.5	4134.3	4147.5
13°	3716.9	3752.7	3817.6	3866.6	3877.2
14°	3433.3	3467.8	3535.3	3575.1	3565.8
15°	3092.8	3144.4	3227.9	3250.4	3254.4
17.5°	2284.5	2317.6	2391.8	2427.6	2452.7
20°	1531.8	1563.6	1608.7	1632.5	1612.6
22.5°	931.5	958.0	981.9	980.6	973.9
25°	560.5	565.8	572.4	568.5	556.5
27.5°	327.3	341.9	361.7	348.5	328.6
30°	208.0	220.0	241.2	218.6	202.7
32.5°	110.0	139.1	161.7	131.2	115.3
35°	67.6	76.9	106.0	78.2	63.6
37.5°	41.1	47.7	66.3	46.4	37.1
40°	21.2	30.5	38.4	27.8	19.9
42.5°	6.6	14.6	21.2	13.3	6.6
45°	1.3	4.0	11.9	4.0	1.3
47.5°	0.0	0.0	5.3	1.3	0.0
50°	0.0	0.0	1.3	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)