

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: P1310511

Luminaire Tested: LDSQA3D17R259035DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310511
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: LDSQA3D17R259035DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

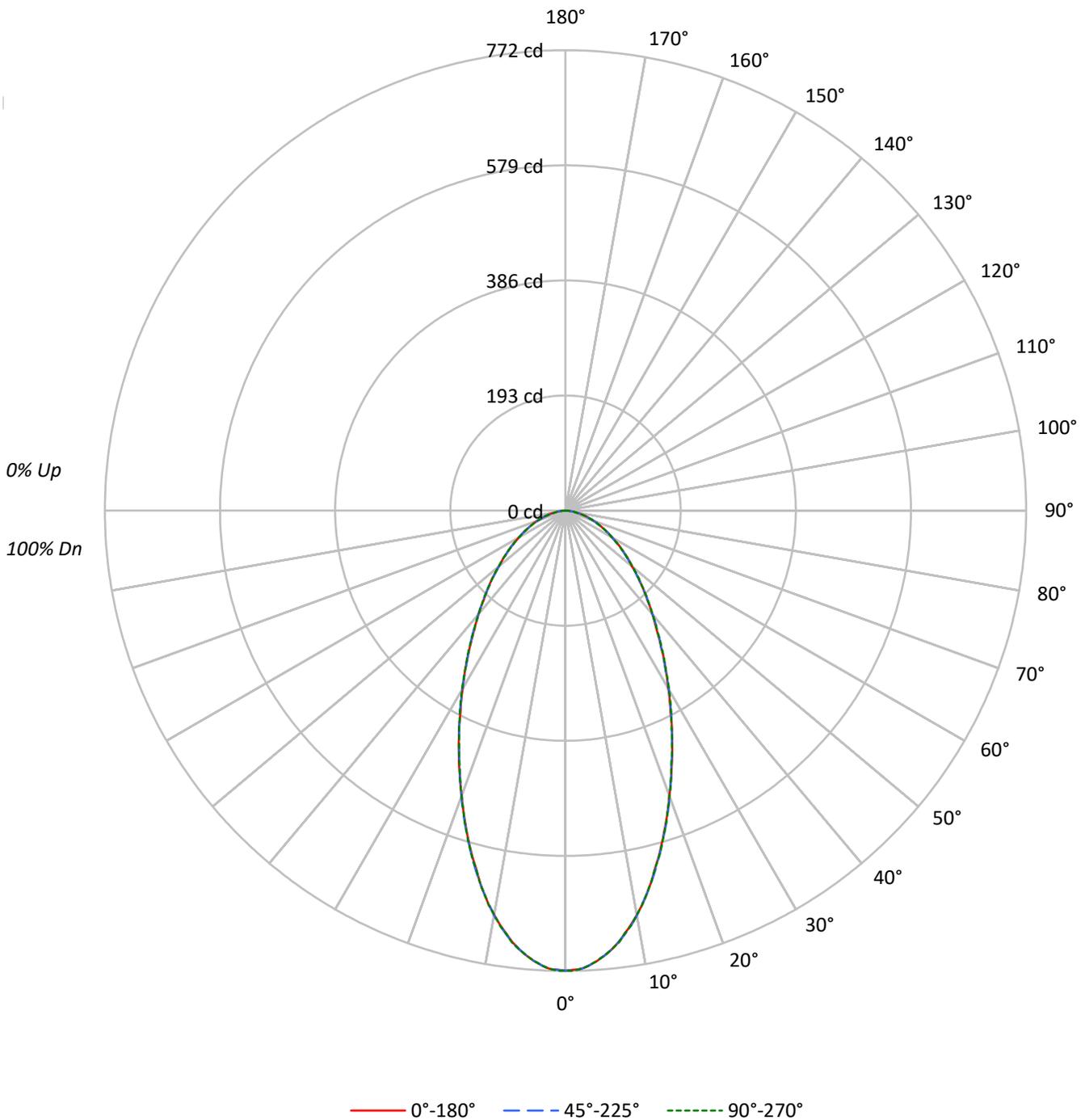
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 966.0 lumens
Efficiency: N/A
Efficacy: 45.6 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): 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	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	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	132887	132887	132887
5°	129487	129487	129487
10°	120335	120562	120335
15°	107318	107549	107549
20°	93306	93544	93306
25°	80362	80115	80115
30°	68549	68807	69066
35°	58806	58806	59100
40°	50967	50967	50967
45°	44571	44571	44571
50°	39064	39064	39439
55°	35040	35040	35040
60°	31069	31069	31069
65°	28078	28078	28078
70°	25379	24724	25379
75°	22957	22025	22025
80°	18447	18447	18447
85°	13042	13042	13042

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 44571 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.6	7.2
10°-20°	167.9	17.4
20°-30°	194.1	20.1
30°-40°	175.9	18.2
40°-50°	141.8	14.7
50°-60°	104.4	10.8
60°-70°	68.7	7.1
70°-80°	35.5	3.7
80°-90°	8.0	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°	431.6	44.7
0°-40°	607.5	62.9
0°-60°	853.8	88.4
0°-90°	966.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	966.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	772	772	772	772	772	
5°	749	752	749	749	749	70
15°	602	603	603	602	603	168
25°	423	422	422	423	422	194
35°	280	280	280	280	281	176
45°	183	183	183	183	183	142
55°	117	117	117	115	117	105
65°	69	69	69	69	69	69
75°	34	33	33	33	33	36
85°	7	7	7	7	7	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	771.6	771.6	771.6	771.6	771.6
1°	770.3	772.9	770.3	770.3	771.6
2°	768.9	770.3	768.9	768.9	768.9
3°	763.6	766.3	763.6	763.6	763.6
4°	757.0	759.6	757.0	757.0	757.0
5°	749.0	751.7	749.0	749.0	749.0
6°	739.8	741.1	739.8	739.8	739.8
7°	729.2	730.5	729.2	729.2	730.5
8°	715.9	717.2	717.2	715.9	715.9
9°	702.6	704.0	704.0	702.6	704.0
10°	688.1	689.4	689.4	688.1	688.1
11°	673.5	674.8	672.2	672.2	673.5
12°	656.2	657.6	656.2	656.2	656.2
13°	639.0	639.0	639.0	639.0	639.0
14°	619.1	621.8	621.8	620.4	619.1
15°	601.9	603.2	603.2	601.9	603.2
17.5°	555.5	558.1	556.8	556.8	556.8
20°	509.1	510.4	510.4	509.1	509.1
22.5°	465.3	464.0	464.0	464.0	464.0
25°	422.9	421.6	421.6	422.9	421.6
27.5°	381.8	383.1	383.1	381.8	383.1
30°	344.7	344.7	346.0	344.7	347.3
32.5°	311.5	311.5	310.2	311.5	311.5
35°	279.7	279.7	279.7	279.7	281.1
37.5°	250.6	251.9	253.2	253.2	251.9
40°	226.7	226.7	226.7	226.7	226.7
42.5°	202.8	202.8	204.2	204.2	204.2
45°	183.0	183.0	183.0	183.0	183.0
47.5°	164.4	164.4	163.1	163.1	164.4
50°	145.8	147.2	145.8	145.8	147.2
52.5°	131.2	129.9	129.9	131.2	131.2
55°	116.7	116.7	116.7	115.3	116.7
57.5°	103.4	103.4	102.1	102.1	102.1
60°	90.2	90.2	90.2	90.2	90.2
62.5°	79.5	79.5	79.5	79.5	79.5
65°	68.9	68.9	68.9	68.9	68.9
67.5°	59.7	59.7	59.7	59.7	58.3
70°	50.4	50.4	49.1	49.1	50.4
72.5°	41.1	41.1	41.1	41.1	41.1
75°	34.5	33.1	33.1	33.1	33.1
77.5°	26.5	26.5	25.2	26.5	25.2
80°	18.6	18.6	18.6	18.6	18.6
82.5°	13.3	11.9	11.9	11.9	11.9
85°	6.6	6.6	6.6	6.6	6.6
87.5°	1.3	1.3	1.3	1.3	2.7



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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)