

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: P1309393

Luminaire Tested: LDSQA3D17R259030DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309393
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: LDSQA3D17R259030DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

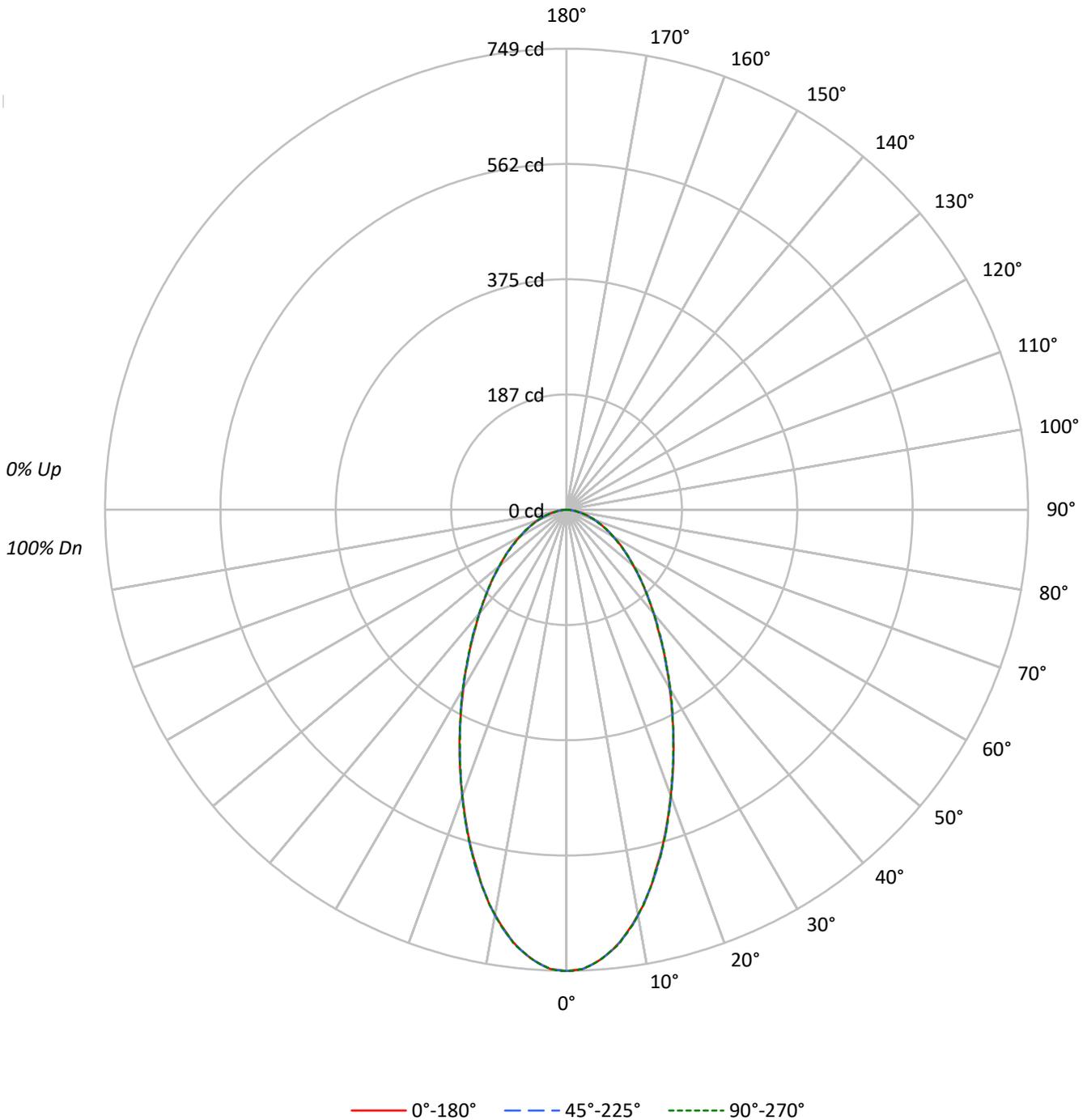
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 937.9 lumens
Efficiency: N/A
Efficacy: 44.2 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 (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	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°	129029	129029	129029
5°	125736	125736	125736
10°	116837	117064	116837
15°	104197	104429	104429
20°	90593	90831	90593
25°	78044	77797	77797
30°	66560	66819	67077
35°	57103	57103	57376
40°	49483	49483	49483
45°	43256	43256	43256
50°	37939	37939	38287
55°	34020	34020	34020
60°	30139	30139	30139
65°	27263	27263	27263
70°	24623	23969	24623
75°	22291	21426	21426
80°	17852	17852	17852
85°	12647	12647	12647

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 43256 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.6	7.2
10°-20°	163.1	17.4
20°-30°	188.5	20.1
30°-40°	170.8	18.2
40°-50°	137.7	14.7
50°-60°	101.4	10.8
60°-70°	66.7	7.1
70°-80°	34.4	3.7
80°-90°	7.8	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°	419.1	44.7
0°-40°	589.9	62.9
0°-60°	829.0	88.4
0°-90°	937.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	937.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	749	749	749	749	749	
5°	727	730	727	727	727	68
15°	584	586	586	584	586	163
25°	411	409	409	411	409	188
35°	272	272	272	272	273	171
45°	178	178	178	178	178	138
55°	113	113	113	112	113	102
65°	67	67	67	67	67	67
75°	34	32	32	32	32	35
85°	6	6	6	6	6	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	749.2	749.2	749.2	749.2	749.2
1°	747.9	750.5	747.9	747.9	749.2
2°	746.6	747.9	746.6	746.6	746.6
3°	741.5	744.1	741.5	741.5	741.5
4°	735.1	737.6	735.1	735.1	735.1
5°	727.3	729.9	727.3	727.3	727.3
6°	718.3	719.6	718.3	718.3	718.3
7°	708.0	709.3	708.0	708.0	709.3
8°	695.1	696.4	696.4	695.1	695.1
9°	682.3	683.6	683.6	682.3	683.6
10°	668.1	669.4	669.4	668.1	668.1
11°	654.0	655.2	652.7	652.7	654.0
12°	637.2	638.5	637.2	637.2	637.2
13°	620.5	620.5	620.5	620.5	620.5
14°	601.2	603.7	603.7	602.5	601.2
15°	584.4	585.7	585.7	584.4	585.7
17.5°	539.4	542.0	540.7	540.7	540.7
20°	494.3	495.6	495.6	494.3	494.3
22.5°	451.8	450.6	450.6	450.6	450.6
25°	410.7	409.4	409.4	410.7	409.4
27.5°	370.7	372.0	372.0	370.7	372.0
30°	334.7	334.7	336.0	334.7	337.3
32.5°	302.5	302.5	301.2	302.5	302.5
35°	271.6	271.6	271.6	271.6	272.9
37.5°	243.3	244.6	245.9	245.9	244.6
40°	220.1	220.1	220.1	220.1	220.1
42.5°	197.0	197.0	198.2	198.2	198.2
45°	177.6	177.6	177.6	177.6	177.6
47.5°	159.6	159.6	158.3	158.3	159.6
50°	141.6	142.9	141.6	141.6	142.9
52.5°	127.4	126.2	126.2	127.4	127.4
55°	113.3	113.3	113.3	112.0	113.3
57.5°	100.4	100.4	99.1	99.1	99.1
60°	87.5	87.5	87.5	87.5	87.5
62.5°	77.2	77.2	77.2	77.2	77.2
65°	66.9	66.9	66.9	66.9	66.9
67.5°	57.9	57.9	57.9	57.9	56.6
70°	48.9	48.9	47.6	47.6	48.9
72.5°	39.9	39.9	39.9	39.9	39.9
75°	33.5	32.2	32.2	32.2	32.2
77.5°	25.7	25.7	24.5	25.7	24.5
80°	18.0	18.0	18.0	18.0	18.0
82.5°	12.9	11.6	11.6	11.6	11.6
85°	6.4	6.4	6.4	6.4	6.4
87.5°	1.3	1.3	1.3	1.3	2.6



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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)