

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: P1324070

Luminaire Tested: LDSQA3D17R359030D2WDE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324070
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359030D2WDE010 3LSQPHR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

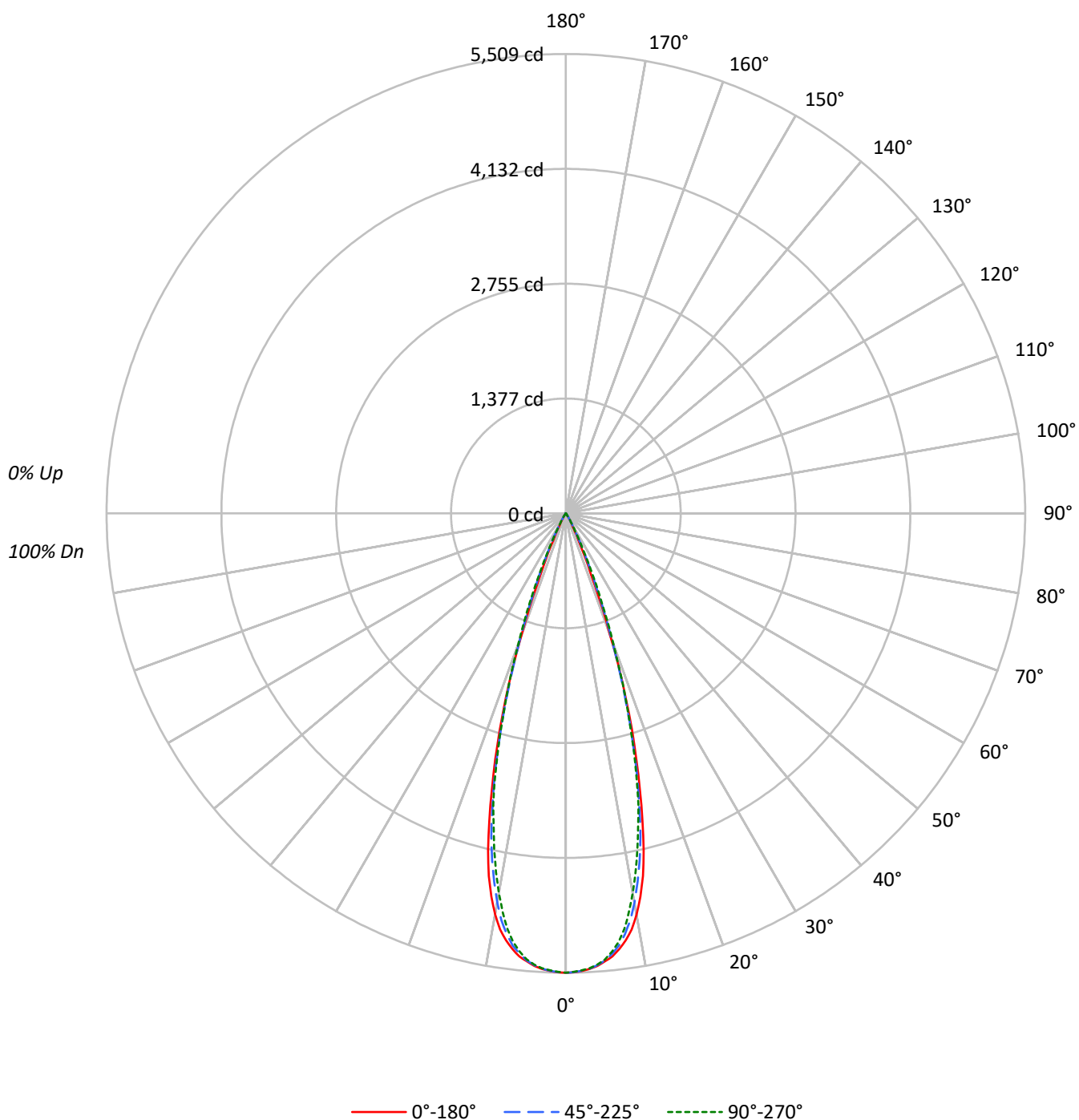
Lumens per Lamp: N/A
Luminaire Lumens: 1672.0 lumens
Efficiency: N/A
Efficacy: 61.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	948723	948723	948723
5°	932414	930426	928437
10°	854548	828859	808713
15°	611901	592395	585210
20°	283747	293516	303797
25°	67326	95792	99897
30°	19767	22631	25495
35°	4541	7274	6665
40°	967	1933	1304
45°	341	341	341
50°	375	0	375
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: 0°

Vertical Angle: 52.5°

Luminance: 396 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	494.6	29.6
10°-20°	884.1	52.9
20°-30°	266.0	15.9
30°-40°	25.4	1.5
40°-50°	1.7	0.1
50°-60°	0.1	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°	1644.7	98.4
0°-40°	1670.2	99.9
0°-60°	1672.0	100.0
0°-90°	1672.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1672.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5509	5509	5509	5509	5509	
5°	5393	5392	5382	5375	5370	500
15°	3432	3406	3322	3308	3282	906
25°	354	390	504	526	526	228
35°	22	29	35	37	32	20
45°	1	1	1	1	1	2
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5508.7	5508.7	5508.7	5508.7	5508.7
1°	5505.8	5505.8	5502.9	5502.9	5497.1
2°	5492.8	5494.3	5488.5	5487.1	5482.7
3°	5472.7	5468.3	5468.3	5465.5	5462.6
4°	5441.0	5432.3	5429.5	5430.9	5425.1
5°	5393.4	5392.0	5381.9	5374.7	5370.4
6°	5341.6	5331.5	5309.9	5291.2	5286.9
7°	5263.8	5242.2	5223.5	5184.6	5178.9
8°	5168.8	5134.2	5093.9	5039.2	5036.3
9°	5052.1	4996.0	4939.8	4866.3	4840.4
10°	4886.5	4834.7	4739.6	4674.8	4624.4
11°	4680.6	4615.8	4504.9	4427.1	4385.3
12°	4447.3	4386.8	4257.2	4186.6	4127.5
13°	4147.7	4097.3	3976.3	3898.5	3852.5
14°	3800.6	3763.2	3648.0	3613.4	3597.6
15°	3431.9	3406.0	3322.5	3308.1	3282.2
17.5°	2526.1	2482.9	2435.3	2444.0	2452.6
20°	1548.2	1608.7	1601.5	1633.2	1657.6
22.5°	771.9	849.7	940.4	995.2	1022.5
25°	354.3	390.3	504.1	525.7	525.7
27.5°	178.6	187.2	237.6	241.9	253.5
30°	99.4	106.6	113.8	126.7	128.2
32.5°	50.4	59.0	61.9	69.1	66.2
35°	21.6	28.8	34.6	37.4	31.7
37.5°	10.1	13.0	18.7	17.3	13.0
40°	4.3	5.8	8.6	7.2	5.8
42.5°	2.9	2.9	4.3	2.9	2.9
45°	1.4	1.4	1.4	1.4	1.4
47.5°	1.4	1.4	0.0	1.4	1.4
50°	1.4	0.0	0.0	0.0	1.4
52.5°	1.4	0.0	0.0	0.0	1.4
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)