

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: P1307329

Luminaire Tested: LDSQA3D17R359024DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307329
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: LDSQA3D17R359024DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

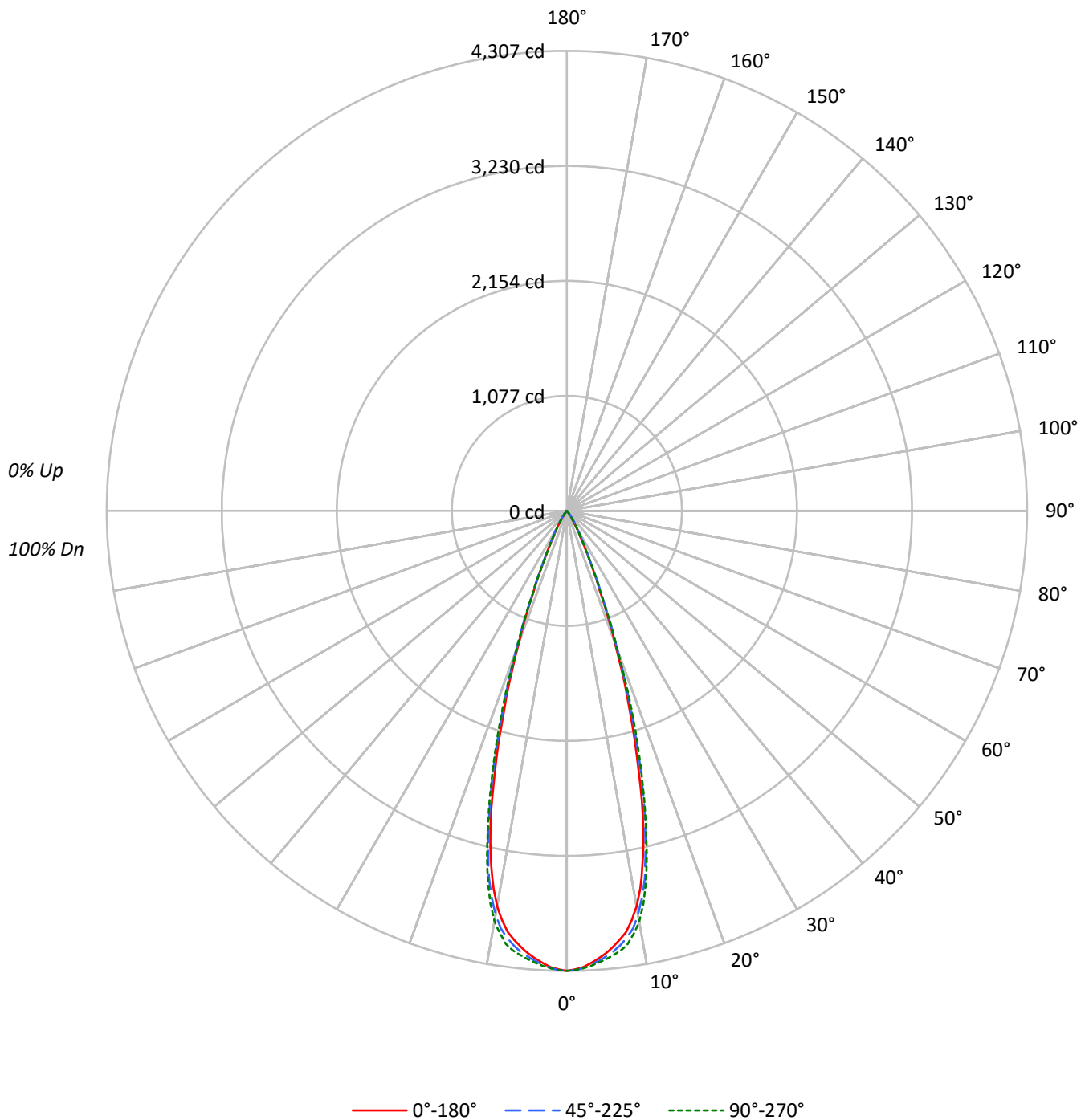
Lumens per Lamp: N/A
Luminaire Lumens: 1434.0 lumens
Efficiency: N/A
Efficacy: 67.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	741746	741746	741746
5°	719252	724352	728276
10°	657249	671152	682677
15°	472650	493315	497362
20°	240641	252719	253342
25°	91289	93246	90643
30°	35458	41106	34563
35°	12173	19111	11458
40°	4092	7397	3822
45°	268	2484	268
50°	0	295	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: 2484 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.9	27.2
10°-20°	726.4	50.7
20°-30°	261.1	18.2
30°-40°	51.0	3.6
40°-50°	5.7	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°	1377.3	96.0
0°-40°	1428.3	99.6
0°-60°	1434.0	100.0
0°-90°	1434.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1434.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4307	4307	4307	4307	4307	
5°	4160	4172	4190	4209	4213	385
15°	2651	2695	2767	2786	2790	704
25°	480	485	491	487	477	252
35°	58	66	91	67	54	43
45°	1	3	10	3	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4306.9	4306.9	4306.9	4306.9	4306.9
1°	4294.4	4300.1	4301.2	4309.2	4300.1
2°	4276.3	4279.7	4284.2	4291.0	4286.5
3°	4241.0	4247.9	4258.1	4267.2	4267.2
4°	4203.6	4212.6	4225.1	4241.0	4239.9
5°	4160.4	4171.8	4189.9	4209.2	4212.6
6°	4105.9	4119.5	4149.0	4176.3	4180.8
7°	4048.0	4068.4	4096.8	4136.6	4146.8
8°	3979.8	3995.7	4036.6	4083.2	4094.5
9°	3879.9	3903.7	3956.0	3999.1	4005.9
10°	3758.3	3775.4	3837.8	3883.3	3903.7
11°	3601.6	3626.6	3687.9	3734.5	3748.1
12°	3401.7	3438.0	3509.6	3543.7	3555.0
13°	3185.9	3216.6	3272.2	3314.2	3323.3
14°	2942.8	2972.4	3030.3	3064.4	3056.4
15°	2650.9	2695.2	2766.8	2786.1	2789.5
17.5°	1958.1	1986.5	2050.1	2080.8	2102.3
20°	1313.0	1340.2	1378.9	1399.3	1382.3
22.5°	798.5	821.2	841.6	840.5	834.8
25°	480.4	485.0	490.7	487.3	477.0
27.5°	280.5	293.0	310.1	298.7	281.7
30°	178.3	188.5	206.7	187.4	173.8
32.5°	94.3	119.3	138.6	112.4	98.8
35°	57.9	65.9	90.9	67.0	54.5
37.5°	35.2	40.9	56.8	39.8	31.8
40°	18.2	26.1	32.9	23.9	17.0
42.5°	5.7	12.5	18.2	11.4	5.7
45°	1.1	3.4	10.2	3.4	1.1
47.5°	0.0	0.0	4.5	1.1	0.0
50°	0.0	0.0	1.1	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)