

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: P1318517

Luminaire Tested: LDSQA3D17R359830DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318517
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: LDSQA3D17R359830DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

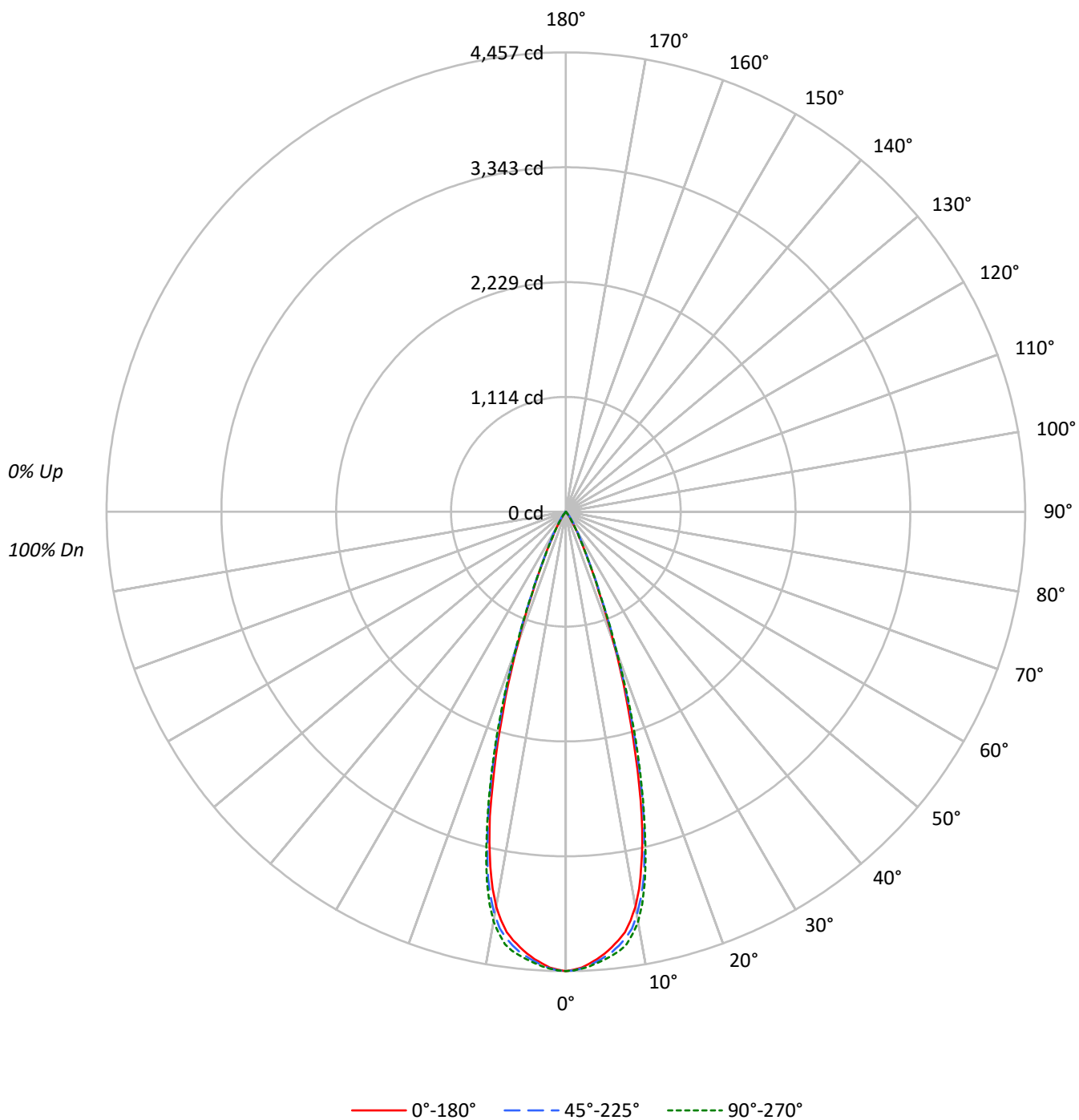
Lumens per Lamp: N/A
Luminaire Lumens: 1484.0 lumens
Efficiency: N/A
Efficacy: 72.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	767614	767614	767614
5°	744337	749610	753673
10°	680176	694569	706478
15°	489143	510521	514711
20°	249035	261516	262176
25°	94481	96496	93816
30°	36691	42537	35756
35°	12594	19763	11858
40°	4227	7666	3957
45°	292	2582	292
50°	0	322	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: 2582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	403.5	27.2
10°-20°	751.7	50.7
20°-30°	270.2	18.2
30°-40°	52.7	3.6
40°-50°	5.9	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°	1425.4	96.0
0°-40°	1478.1	99.6
0°-60°	1484.0	100.0
0°-90°	1484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1484.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4457	4457	4457	4457	4457	
5°	4306	4317	4336	4356	4360	399
15°	2743	2789	2863	2883	2887	729
25°	497	502	508	504	494	261
35°	60	68	94	69	56	45
45°	1	4	11	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4457.1	4457.1	4457.1	4457.1	4457.1
1°	4444.2	4450.0	4451.2	4459.4	4450.0
2°	4425.4	4428.9	4433.6	4440.6	4435.9
3°	4388.9	4396.0	4406.5	4416.0	4416.0
4°	4350.1	4359.5	4372.5	4388.9	4387.7
5°	4305.5	4317.2	4336.0	4356.0	4359.5
6°	4249.0	4263.2	4293.7	4321.9	4326.6
7°	4189.1	4210.3	4239.6	4280.8	4291.4
8°	4118.6	4135.0	4177.3	4225.5	4237.3
9°	4015.1	4039.8	4093.9	4138.6	4145.6
10°	3889.4	3907.0	3971.7	4018.7	4039.8
11°	3727.2	3753.0	3816.5	3864.7	3878.8
12°	3520.3	3557.9	3632.0	3667.2	3679.0
13°	3297.0	3328.7	3386.3	3429.8	3439.2
14°	3045.4	3076.0	3135.9	3171.2	3163.0
15°	2743.4	2789.2	2863.3	2883.2	2886.8
17.5°	2026.4	2055.8	2121.6	2153.3	2175.7
20°	1358.8	1387.0	1426.9	1448.1	1430.5
22.5°	826.3	849.8	871.0	869.8	863.9
25°	497.2	501.9	507.8	504.2	493.7
27.5°	290.3	303.3	320.9	309.1	291.5
30°	184.5	195.1	213.9	193.9	179.8
32.5°	97.6	123.4	143.4	116.4	102.3
35°	59.9	68.2	94.0	69.3	56.4
37.5°	36.4	42.3	58.8	41.1	32.9
40°	18.8	27.0	34.1	24.7	17.6
42.5°	5.9	12.9	18.8	11.8	5.9
45°	1.2	3.5	10.6	3.5	1.2
47.5°	0.0	0.0	4.7	1.2	0.0
50°	0.0	0.0	1.2	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)