

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: P1317642

Luminaire Tested: LDSQA3D17R359827DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317642
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: LDSQA3D17R359827DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

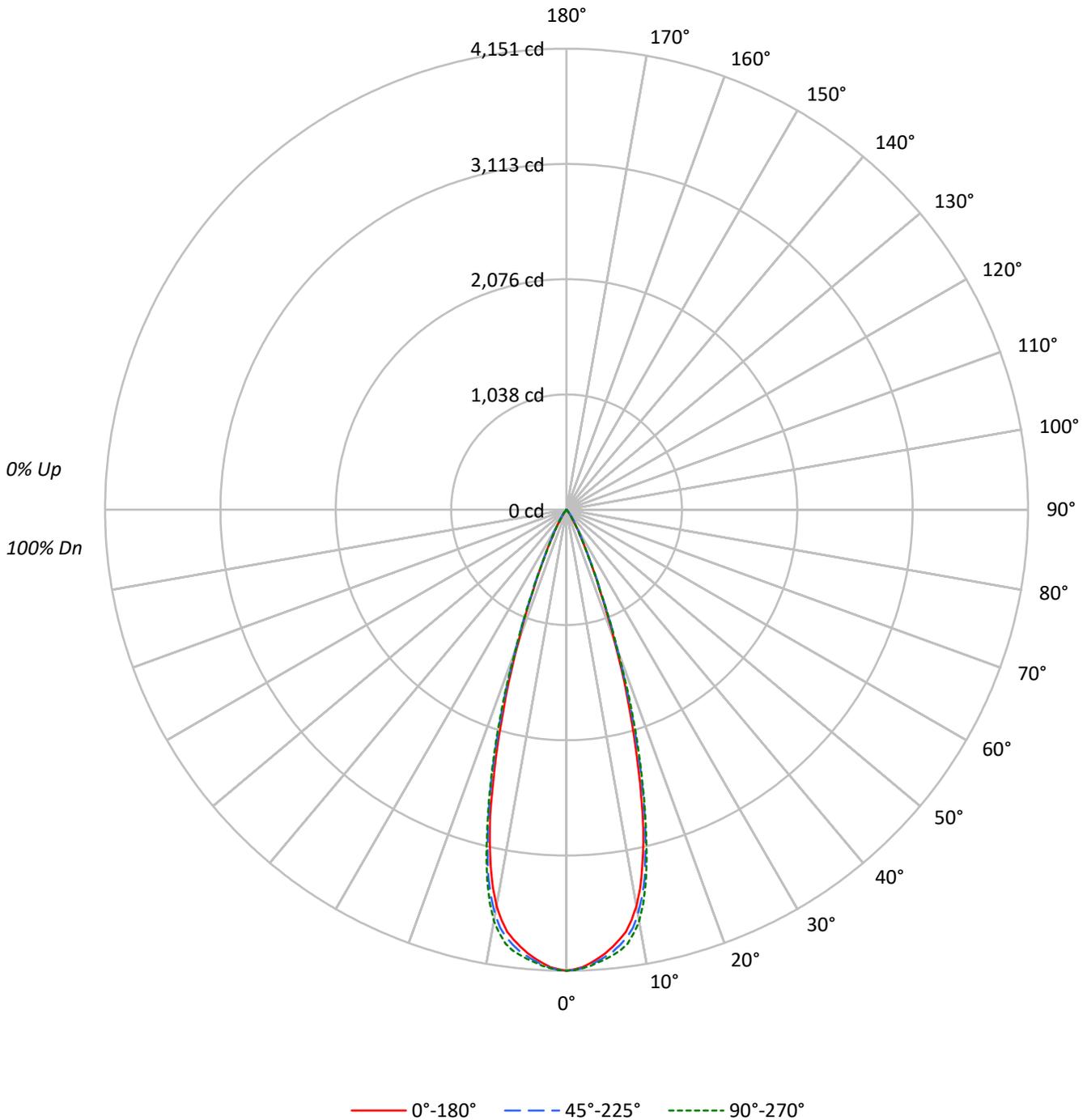
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1382.0 lumens
Efficiency: N/A
Efficacy: 67.7 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 (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	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	78	77	76
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	74	73
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	72	71
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	70	69

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	714845	714845	714845
5°	693164	698091	701878
10°	633413	646827	657931
15°	455516	475432	479319
20°	231917	243555	244141
25°	87982	89864	87355
30°	34185	39614	33310
35°	11732	18417	11038
40°	3934	7127	3687
45°	268	2411	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: 2411 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	375.7	27.2
10°-20°	700.0	50.7
20°-30°	251.6	18.2
30°-40°	49.1	3.6
40°-50°	5.5	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°	1327.4	96.0
0°-40°	1376.5	99.6
0°-60°	1382.0	100.0
0°-90°	1382.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1382.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4151	4151	4151	4151	4151	
5°	4010	4020	4038	4057	4060	371
15°	2555	2598	2666	2685	2688	679
25°	463	467	473	470	460	243
35°	56	64	88	65	52	42
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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4150.7	4150.7	4150.7	4150.7	4150.7
1°	4138.7	4144.2	4145.3	4152.9	4144.2
2°	4121.2	4124.5	4128.8	4135.4	4131.0
3°	4087.3	4093.8	4103.7	4112.4	4112.4
4°	4051.1	4059.9	4071.9	4087.3	4086.2
5°	4009.5	4020.5	4038.0	4056.6	4059.9
6°	3957.0	3970.1	3998.6	4024.9	4029.2
7°	3901.2	3920.9	3948.2	3986.6	3996.4
8°	3835.5	3850.8	3890.2	3935.1	3946.0
9°	3739.2	3762.2	3812.5	3854.1	3860.7
10°	3622.0	3638.5	3698.7	3742.5	3762.2
11°	3471.0	3495.1	3554.2	3599.1	3612.2
12°	3278.3	3313.4	3382.3	3415.2	3426.1
13°	3070.4	3099.9	3153.6	3194.1	3202.8
14°	2836.1	2864.6	2920.4	2953.2	2945.6
15°	2554.8	2597.5	2666.5	2685.1	2688.3
17.5°	1887.1	1914.5	1975.8	2005.3	2026.1
20°	1265.4	1291.6	1328.9	1348.6	1332.1
22.5°	769.5	791.4	811.1	810.0	804.5
25°	463.0	467.4	472.9	469.6	459.7
27.5°	270.4	282.4	298.8	287.9	271.5
30°	171.9	181.7	199.2	180.6	167.5
32.5°	90.9	114.9	133.5	108.4	95.2
35°	55.8	63.5	87.6	64.6	52.5
37.5°	33.9	39.4	54.7	38.3	30.6
40°	17.5	25.2	31.7	23.0	16.4
42.5°	5.5	12.0	17.5	10.9	5.5
45°	1.1	3.3	9.9	3.3	1.1
47.5°	0.0	0.0	4.4	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)