

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: P1324000

Luminaire Tested: LDSQA3D17R159030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324000
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R159030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

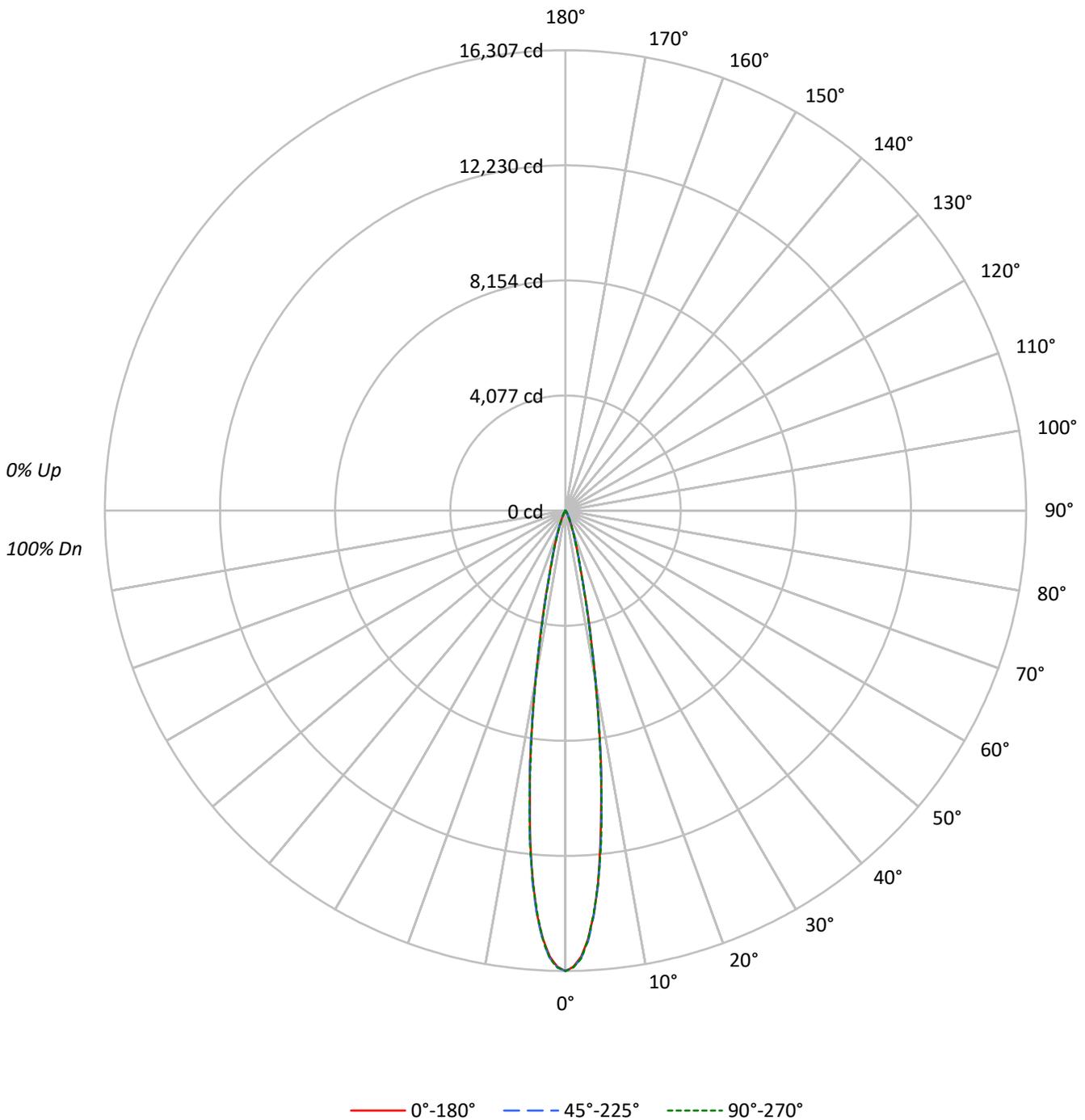
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1820.0 lumens
Efficiency: N/A
Efficacy: 66.7 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
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			0	
RW	70	50	30	10	70	50	30	10	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	102	102	102	100
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	100	100	100	98
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	97	98	97	96
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	95	98	96	94
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	96	95	93	92
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	95	93	91	90
6	103	97	94	92	102	97	94	91	96	93	91	94	92	90	93	91	90	93	91	90	89
7	101	95	92	90	100	95	92	89	94	91	89	93	90	88	92	90	88	92	90	88	87
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	90	88	87	90	88	87	86
9	97	91	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	89	87	85	84
10	95	90	87	84	95	90	86	84	89	86	84	88	86	84	88	85	84	88	85	84	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2808452	2808452	2808452
5°	2286604	2294072	2289595
10°	1066642	1076208	1062620
15°	334951	337768	335717
20°	132710	137988	128494
25°	53626	64837	51706
30°	21477	29492	20324
35°	6349	13014	6055
40°	1933	4856	1619
45°	341	1047	341
50°	0	375	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: 1047 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1021.0	56.1
10°-20°	610.6	33.6
20°-30°	154.0	8.5
30°-40°	31.4	1.7
40°-50°	2.9	0.2
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°	1785.6	98.1
0°-40°	1817.0	99.8
0°-60°	1820.0	100.0
0°-90°	1820.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1820.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	16307	16307	16307	16307	16307	
5°	13226	13202	13270	13237	13244	1018
15°	1879	1894	1894	1867	1883	611
25°	282	308	341	302	272	145
35°	30	40	62	39	29	25
45°	1	3	4	3	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	16307.1	16307.1	16307.1	16307.1	16307.1
1°	16160.3	16215.0	16186.2	16209.2	16183.3
2°	15810.5	15883.9	15860.9	15853.7	15873.8
3°	15194.4	15279.3	15276.4	15254.8	15220.3
4°	14353.7	14319.1	14372.4	14366.6	14307.6
5°	13226.5	13202.0	13269.7	13236.6	13243.8
6°	11847.4	11954.0	11930.9	11933.8	11961.2
7°	10366.1	10423.7	10472.7	10513.0	10456.8
8°	9005.8	8991.4	8995.7	9041.8	8886.3
9°	7482.7	7572.0	7514.4	7422.3	7481.3
10°	6099.3	6154.0	6154.0	6073.4	6076.3
11°	4862.8	4907.4	4875.7	4895.9	4769.2
12°	3919.9	3809.0	3783.1	3803.3	3801.8
13°	2992.8	3000.0	2992.8	2991.4	2977.0
14°	2346.5	2383.9	2368.0	2329.2	2311.9
15°	1878.6	1894.4	1894.4	1867.1	1882.9
17.5°	1128.6	1147.3	1151.6	1132.9	1132.9
20°	724.1	732.7	752.9	725.5	701.1
22.5°	446.3	465.0	499.5	459.2	439.1
25°	282.2	308.1	341.2	302.3	272.1
27.5°	177.1	198.7	227.4	190.0	171.3
30°	108.0	122.4	148.3	119.5	102.2
32.5°	60.5	72.0	93.6	69.1	57.6
35°	30.2	40.3	61.9	38.9	28.8
37.5°	17.3	21.6	38.9	18.7	15.8
40°	8.6	11.5	21.6	11.5	7.2
42.5°	2.9	5.8	8.6	5.8	2.9
45°	1.4	2.9	4.3	2.9	1.4
47.5°	0.0	0.0	1.4	0.0	0.0
50°	0.0	0.0	1.4	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)