

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: P1323921

Luminaire Tested: LDSQA3D13R359030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323921
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R359030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

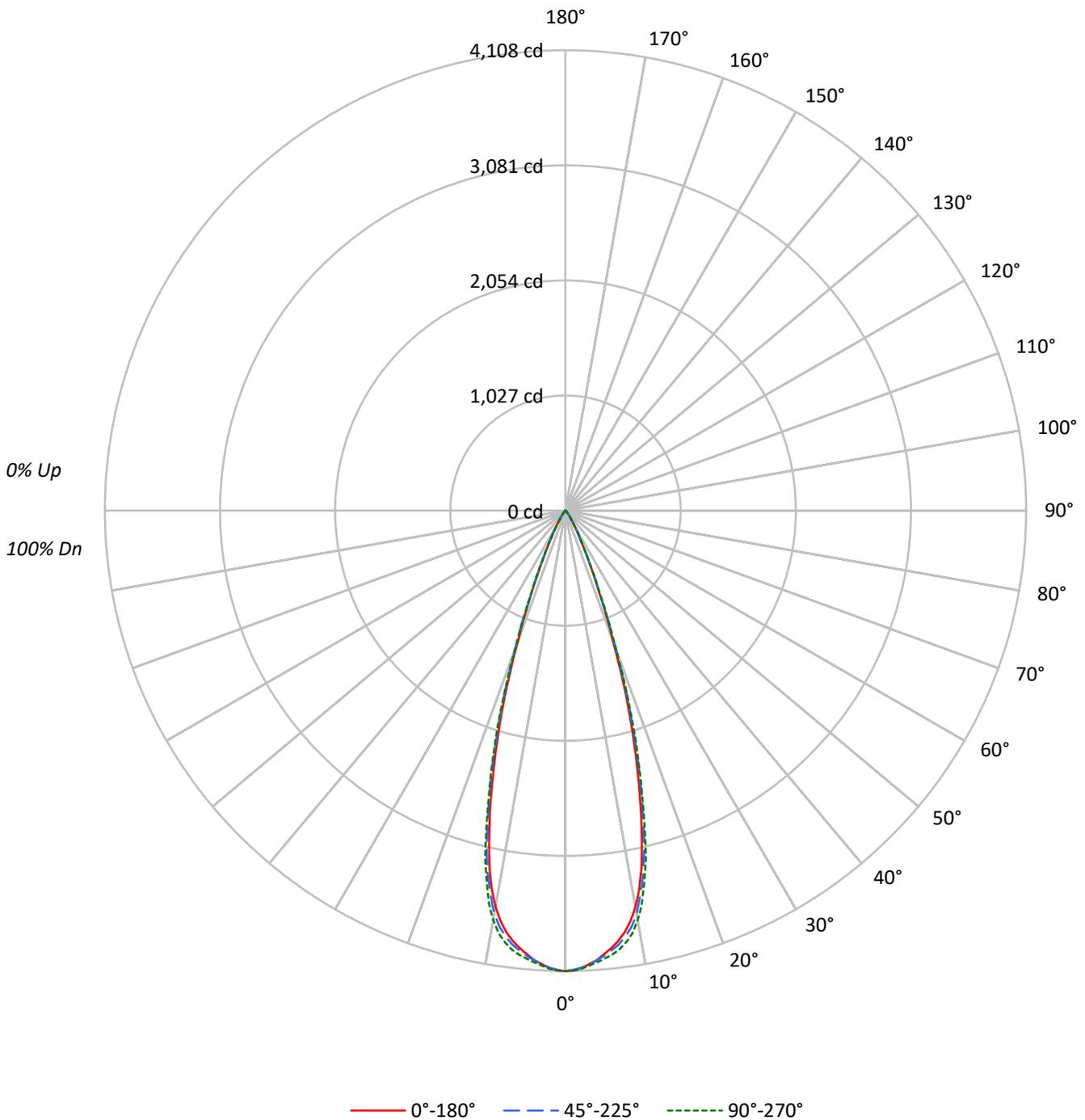
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1380.0 lumens
Efficiency: N/A
Efficacy: 68.7 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): 20.1
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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	707542	707542	707542
5°	686595	689015	693666
10°	628062	638975	648768
15°	450826	467337	472133
20°	226767	239999	240586
25°	85949	88609	89008
30°	34901	40052	34265
35°	12678	19237	12236
40°	5328	8228	5081
45°	1315	3410	1315
50°	857	1447	857
55°	961	961	961
60°	1102	1102	1102
65°	897	897	897
70°	554	554	554
75°	732	732	732
80°	1091	1091	1091
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3410 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	371.4	26.9
10°-20°	692.0	50.1
20°-30°	248.9	18.0
30°-40°	52.3	3.8
40°-50°	9.0	0.7
50°-60°	2.9	0.2
60°-70°	2.2	0.2
70°-80°	1.2	0.1
80°-90°	0.2	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°	1312.3	95.1
0°-40°	1364.6	98.9
0°-60°	1376.5	99.7
0°-90°	1380.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1380.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4108	4108	4108	4108	4108	
5°	3972	3979	3986	4012	4012	368
15°	2528	2573	2621	2649	2648	673
25°	452	459	466	471	468	240
35°	60	71	92	70	58	46
45°	5	9	14	9	5	6
55°	3	3	3	3	3	3
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
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°	4108.3	4108.3	4108.3	4108.3	4108.3
1°	4106.1	4106.1	4097.5	4107.2	4104.0
2°	4083.5	4085.7	4080.3	4092.1	4091.0
3°	4052.3	4057.7	4053.4	4070.6	4065.2
4°	4018.9	4023.2	4021.1	4042.6	4040.4
5°	3971.5	3979.1	3985.5	4012.4	4012.4
6°	3923.1	3930.6	3944.6	3973.7	3983.4
7°	3867.1	3876.8	3899.4	3938.1	3944.6
8°	3796.0	3806.8	3838.0	3880.0	3888.6
9°	3707.7	3723.8	3759.4	3810.0	3815.4
10°	3591.4	3604.3	3653.8	3695.8	3709.8
11°	3440.6	3451.4	3495.5	3563.4	3572.0
12°	3257.5	3270.5	3327.5	3371.7	3380.3
13°	3026.0	3050.8	3119.7	3162.8	3186.5
14°	2788.0	2821.4	2870.9	2932.3	2917.3
15°	2528.5	2572.7	2621.1	2649.1	2648.0
17.5°	1892.1	1917.9	1961.0	1977.1	1998.7
20°	1237.3	1270.7	1309.5	1324.6	1312.7
22.5°	767.8	776.4	788.3	794.7	792.6
25°	452.3	458.7	466.3	470.6	468.4
27.5°	272.4	287.5	298.3	285.4	277.8
30°	175.5	182.0	201.4	184.1	172.3
32.5°	104.5	119.5	135.7	115.2	100.1
35°	60.3	71.1	91.5	70.0	58.2
37.5°	38.8	44.2	59.2	43.1	37.7
40°	23.7	30.2	36.6	28.0	22.6
42.5°	11.8	18.3	21.5	16.2	11.8
45°	5.4	8.6	14.0	8.6	5.4
47.5°	3.2	4.3	8.6	4.3	3.2
50°	3.2	3.2	5.4	3.2	3.2
52.5°	3.2	3.2	3.2	3.2	3.2
55°	3.2	3.2	3.2	3.2	3.2
57.5°	3.2	3.2	3.2	3.2	3.2
60°	3.2	3.2	3.2	3.2	3.2
62.5°	2.2	2.2	2.2	2.2	2.2
65°	2.2	2.2	2.2	2.2	2.2
67.5°	2.2	2.2	2.2	2.2	2.2
70°	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	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)