

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: P1312575

Luminaire Tested: LDSQA3D13R359050DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312575
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: LDSQA3D13R359050DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

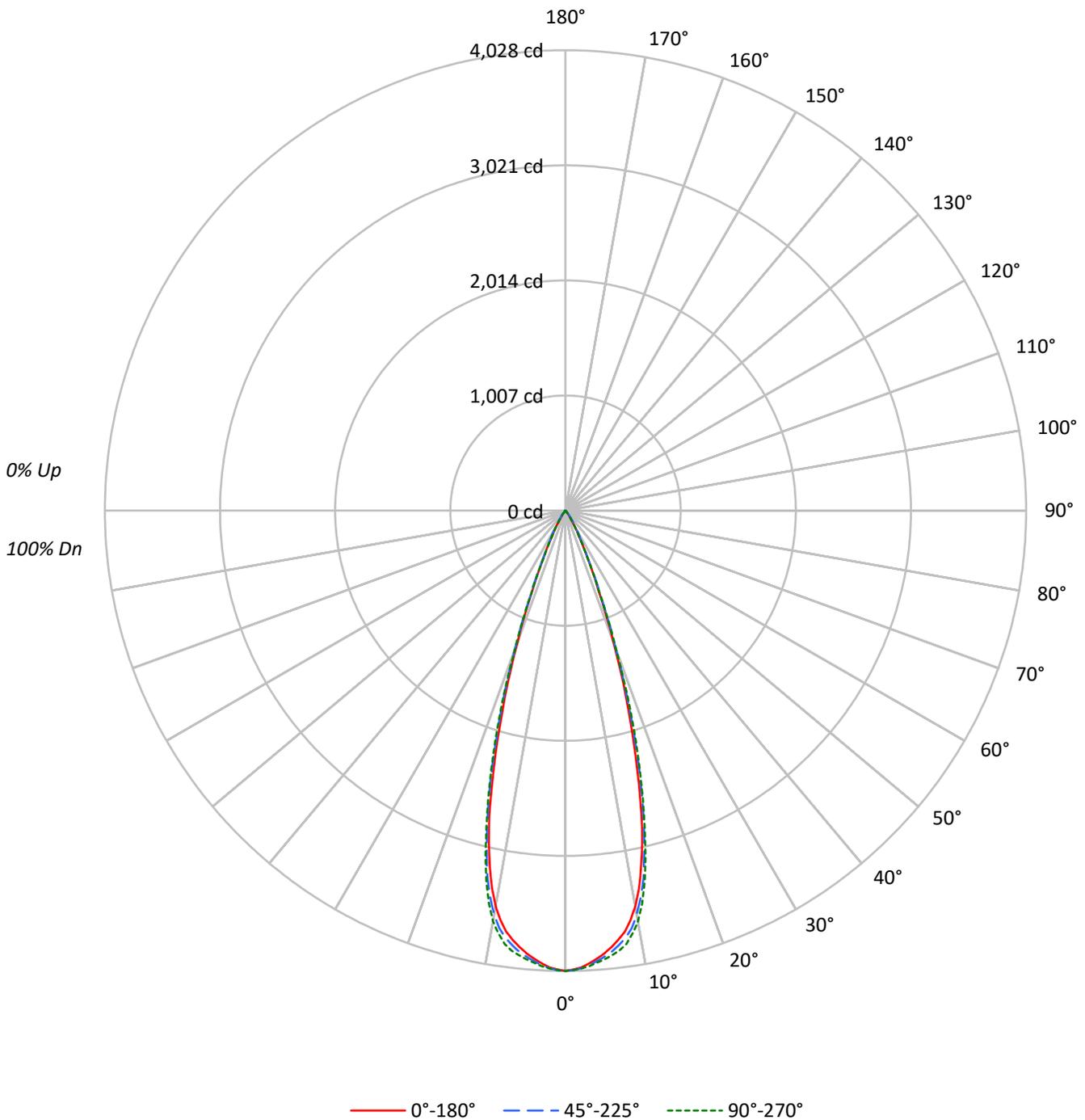
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1341.0 lumens
Efficiency: N/A
Efficacy: 91.8 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): 14.6
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	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	113	111	109	107	107	105	104	103	102	101	100	99	98	98	98	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	94	94	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	91	91	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	87	87	87	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	84	84	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	82	82	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	79	79	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	76	76	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	74	74	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	72	72	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	693644	693644	693644
5°	672609	677380	681045
10°	614631	627625	638397
15°	442001	461328	465108
20°	225026	236315	236902
25°	85379	87184	84771
30°	33171	38441	32316
35°	11395	17871	10722
40°	3822	6924	3575
45°	268	2338	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: 2338 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	364.6	27.2
10°-20°	679.3	50.7
20°-30°	244.2	18.2
30°-40°	47.7	3.6
40°-50°	5.3	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°	1288.0	96.0
0°-40°	1335.7	99.6
0°-60°	1341.0	100.0
0°-90°	1341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1341.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4028	4028	4028	4028	4028	
5°	3891	3901	3918	3936	3939	360
15°	2479	2520	2587	2605	2609	659
25°	449	454	459	456	446	236
35°	54	62	85	63	51	40
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°	4027.6	4027.6	4027.6	4027.6	4027.6
1°	4015.9	4021.2	4022.3	4029.7	4021.2
2°	3998.9	4002.1	4006.4	4012.7	4008.5
3°	3966.0	3972.4	3981.9	3990.4	3990.4
4°	3930.9	3939.4	3951.1	3966.0	3964.9
5°	3890.6	3901.2	3918.2	3936.3	3939.4
6°	3839.6	3852.3	3880.0	3905.5	3909.7
7°	3785.4	3804.6	3831.1	3868.3	3877.8
8°	3721.7	3736.6	3774.8	3818.4	3829.0
9°	3628.2	3650.5	3699.4	3739.8	3746.1
10°	3514.6	3530.5	3588.9	3631.4	3650.5
11°	3368.0	3391.4	3448.7	3492.3	3505.0
12°	3181.1	3215.1	3282.0	3313.8	3324.5
13°	2979.3	3008.0	3060.0	3099.3	3107.8
14°	2752.0	2779.6	2833.8	2865.6	2858.2
15°	2479.0	2520.4	2587.4	2605.4	2608.6
17.5°	1831.1	1857.7	1917.1	1945.8	1966.0
20°	1227.8	1253.3	1289.4	1308.5	1292.6
22.5°	746.7	767.9	787.0	786.0	780.7
25°	449.3	453.5	458.8	455.7	446.1
27.5°	262.3	274.0	290.0	279.3	263.4
30°	166.8	176.3	193.3	175.3	162.5
32.5°	88.2	111.5	129.6	105.2	92.4
35°	54.2	61.6	85.0	62.7	51.0
37.5°	32.9	38.2	53.1	37.2	29.7
40°	17.0	24.4	30.8	22.3	15.9
42.5°	5.3	11.7	17.0	10.6	5.3
45°	1.1	3.2	9.6	3.2	1.1
47.5°	0.0	0.0	4.2	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)