

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: P1323903

Luminaire Tested: LDSQA3D13R309030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323903
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R309030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

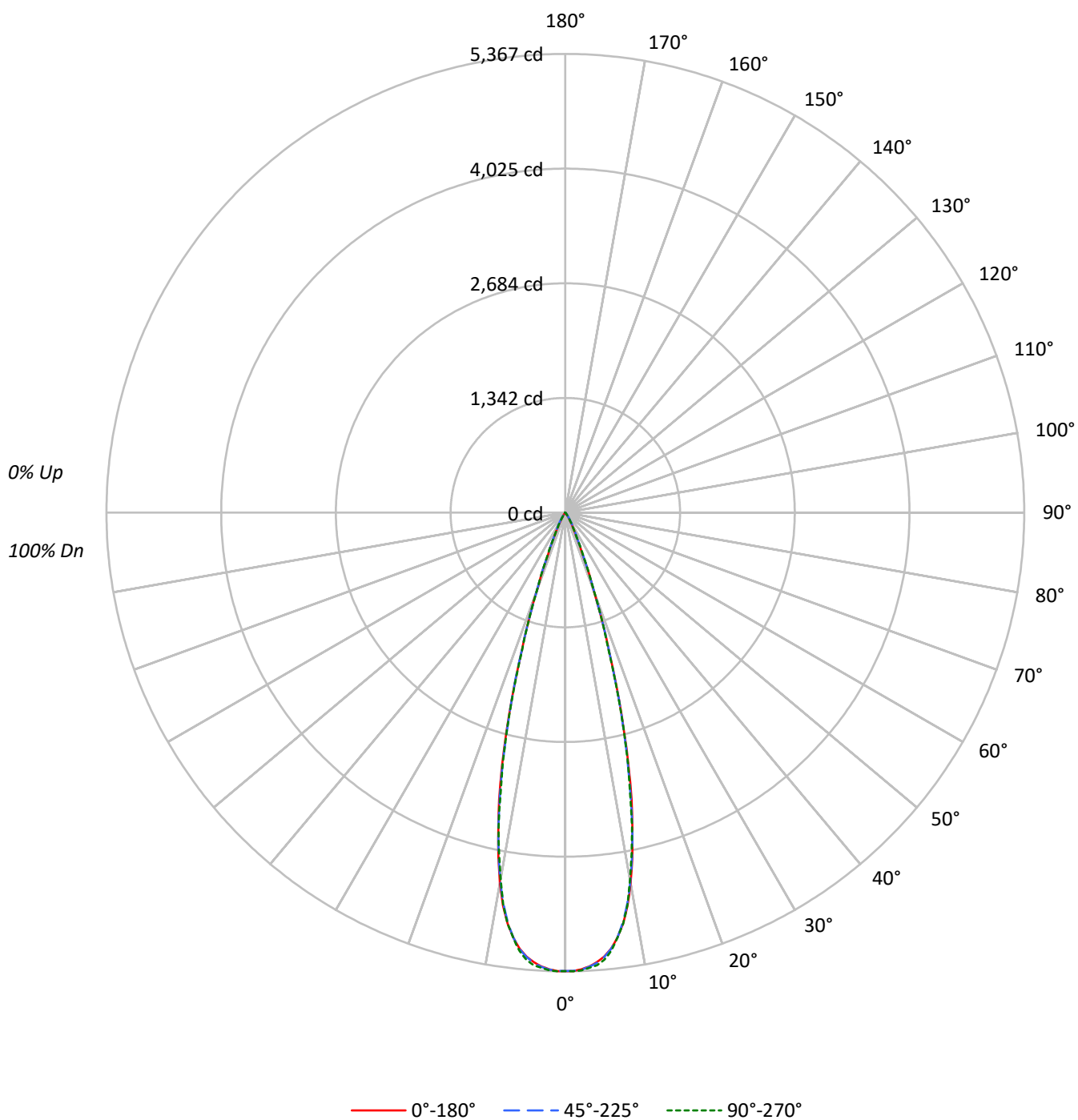
Lumens per Lamp: N/A
Luminaire Lumens: 1384.0 lumens
Efficiency: N/A
Efficacy: 68.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1323903

CATALOG NUMBER: LDSQA3D13R309030D2WDE010 3LSQCDR1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1323903

CATALOG NUMBER: LDSQA3D13R309030D2WDE010 3LSQCDR1MMS

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	110	113	111	109	108	107	106	105		103	102	101		100
2	112	108	105	103	109	106	104	102	103	101	99		100	99	97		98
3	108	104	100	97	106	102	99	97	100	97	95		98	95	94		95
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		93
5	102	96	92	89	101	95	92	89	94	91	88		92	90	87		91
6	99	93	89	86	98	92	89	86	91	88	85		90	87	85		89
7	96	90	86	83	95	90	86	83	89	85	83		87	85	82		87
8	94	88	84	81	93	87	83	81	86	83	80		85	82	80		84
9	91	85	81	78	91	85	81	78	84	80	78		83	80	78		82
10	89	83	79	76	88	82	79	76	82	78	76		81	78	76		80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	923751	923751	923751
5°	901226	902332	907363
10°	769714	766129	761618
15°	475004	469423	471152
20°	179518	180508	180306
25°	55222	60542	57673
30°	22253	28259	23128
35°	6560	11984	6791
40°	2653	4834	2653
45°	536	1583	536
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: 1583 cd/sqm

TEST NUMBER: P1323903

CATALOG NUMBER: LDSQA3D13R309030D2WDE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	473.1	34.2
10°-20°	700.4	50.6
20°-30°	173.7	12.6
30°-40°	32.6	2.4
40°-50°	4.1	0.3
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°	1347.2	97.3
0°-40°	1379.9	99.7
0°-60°	1384.0	100.0
0°-90°	1384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1384.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5364	5364	5364	5364	5364	
5°	5213	5211	5219	5228	5248	473
15°	2664	2638	2633	2653	2642	704
25°	291	310	319	318	304	167
35°	31	41	57	42	32	26
45°	2	3	6	4	2	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	

TEST NUMBER: P1323903

CATALOG NUMBER: LDSQA3D13R309030D2WDE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5363.7	5363.7	5363.7	5363.7	5363.7
1°	5365.8	5361.5	5361.5	5355.0	5366.9
2°	5346.4	5342.1	5349.7	5344.3	5359.3
3°	5317.4	5312.0	5322.7	5326.0	5333.5
4°	5274.3	5270.0	5281.8	5288.3	5308.8
5°	5213.0	5210.8	5219.4	5228.0	5248.5
6°	5129.0	5125.8	5131.2	5141.9	5154.8
7°	5007.4	5000.9	5005.2	5007.4	5010.6
8°	4853.4	4843.8	4838.4	4850.2	4856.7
9°	4655.4	4644.6	4632.8	4628.5	4643.5
10°	4401.4	4385.2	4380.9	4370.1	4355.1
11°	4106.4	4093.5	4090.3	4070.9	4062.3
12°	3768.4	3762.0	3769.5	3757.7	3753.4
13°	3444.4	3403.5	3398.2	3375.6	3363.7
14°	3061.3	3023.6	3022.5	3010.7	3026.8
15°	2664.1	2638.2	2632.8	2653.3	2642.5
17.5°	1698.5	1715.8	1711.5	1700.7	1682.4
20°	979.5	967.7	984.9	989.2	983.8
22.5°	522.0	526.4	529.6	542.5	551.1
25°	290.6	310.0	318.6	317.5	303.5
27.5°	180.8	192.7	208.8	198.1	186.2
30°	111.9	121.6	142.1	122.7	116.3
32.5°	60.3	76.4	91.5	76.4	62.4
35°	31.2	40.9	57.0	42.0	32.3
37.5°	20.5	23.7	36.6	23.7	20.5
40°	11.8	15.1	21.5	15.1	11.8
42.5°	5.4	8.6	11.8	8.6	5.4
45°	2.2	3.2	6.5	4.3	2.2
47.5°	0.0	1.1	3.2	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



TEST NUMBER: P1323903

CATALOG NUMBER: LDSQA3D13R309030D2WDE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)