

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: P1323989

Luminaire Tested: LDSQA3D13R709030D2WDE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R709030D2WDE010 3LSQCLDWWR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWR1MMS TRIM
Light Source: -
Ballast/Driver: -

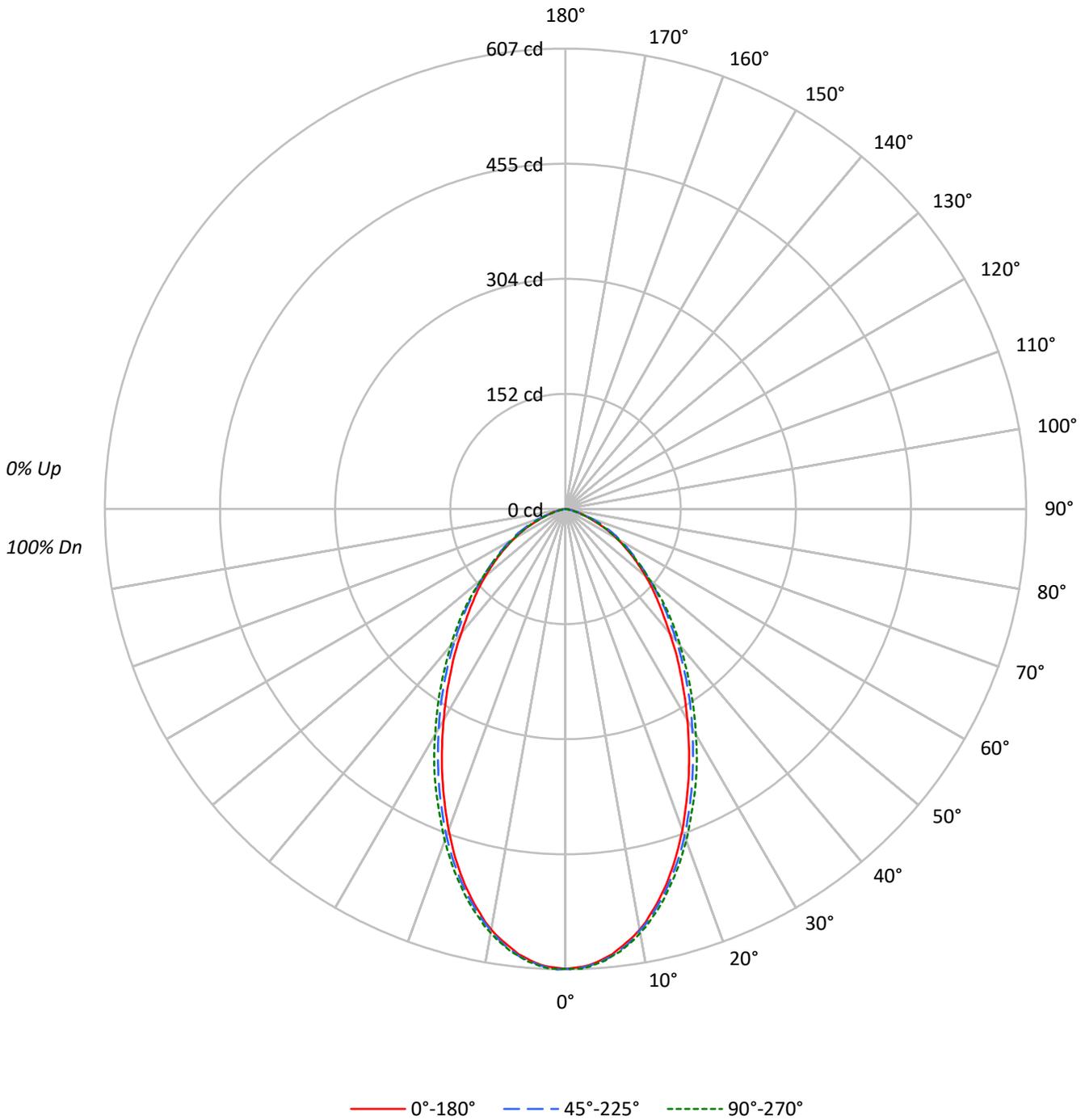
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 868.0 lumens
Efficiency: N/A
Efficacy: 43.2 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
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: P1323989
CATALOG NUMBER: LDSQA3D13R709030D2WDE010 3LSQCLDWWR1MMS

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	104419	104419	104419
5°	102777	103141	103331
10°	98492	98684	99244
15°	91396	92162	92929
20°	82511	84087	85260
25°	73065	75099	76942
30°	63816	66401	68310
35°	55484	58427	60235
40°	47932	51079	52788
45°	41965	44864	46155
50°	36921	38662	38662
55°	32008	33629	32668
60°	27073	28933	27452
65°	21068	24125	21924
70°	15207	17876	15207
75°	11445	10780	8584
80°	7438	5356	2182
85°	2174	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 46155 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	6.4
10°-20°	144.3	16.6
20°-30°	181.1	20.9
30°-40°	173.0	19.9
40°-50°	140.6	16.2
50°-60°	98.5	11.3
60°-70°	55.6	6.4
70°-80°	17.6	2.0
80°-90°	1.4	0.2
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°	381.3	43.9
0°-40°	554.3	63.9
0°-60°	793.4	91.4
0°-90°	868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	868.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	606	606	606	606	606	
5°	594	596	597	596	598	56
15°	513	514	517	518	521	143
25°	384	389	395	402	405	176
35°	264	268	278	283	286	165
45°	172	177	184	187	190	134
55°	107	108	112	110	109	95
65°	52	55	59	56	54	52
75°	17	17	16	14	13	19
85°	1	1	0	0	0	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	606.3	606.3	606.3	606.3	606.3
1°	605.2	606.3	607.4	605.2	606.3
2°	604.2	605.2	605.2	604.2	606.3
3°	602.0	603.1	603.1	602.0	604.2
4°	598.8	599.9	599.9	598.8	600.9
5°	594.5	595.5	596.6	595.5	597.7
6°	590.2	591.2	592.3	591.2	592.3
7°	583.7	585.9	585.9	585.9	588.0
8°	577.2	579.4	580.5	579.4	581.5
9°	570.8	571.9	572.9	572.9	575.1
10°	563.2	564.3	564.3	565.4	567.5
11°	554.6	554.6	556.8	556.8	560.0
12°	543.9	544.9	547.1	548.2	550.3
13°	534.2	535.2	537.4	538.5	541.7
14°	523.4	525.5	527.7	528.8	532.0
15°	512.6	513.7	516.9	518.0	521.2
17.5°	482.5	483.5	488.9	491.1	494.3
20°	450.2	453.4	458.8	462.0	465.2
22.5°	416.8	420.0	426.5	431.9	434.0
25°	384.5	388.8	395.2	401.7	404.9
27.5°	352.2	356.5	364.0	370.5	374.8
30°	320.9	325.2	333.9	339.2	343.5
32.5°	291.9	296.2	305.9	311.2	314.5
35°	263.9	268.2	277.9	283.2	286.5
37.5°	239.1	243.4	252.0	257.4	259.5
40°	213.2	218.6	227.2	232.6	234.8
42.5°	191.7	196.0	204.6	208.9	212.2
45°	172.3	176.6	184.2	187.4	189.5
47.5°	155.1	157.2	163.7	164.8	166.9
50°	137.8	140.0	144.3	145.4	144.3
52.5°	121.7	123.8	127.1	126.0	126.0
55°	106.6	107.7	112.0	109.8	108.8
57.5°	91.5	93.7	98.0	94.8	93.7
60°	78.6	80.8	84.0	81.8	79.7
62.5°	65.7	66.8	72.2	67.8	65.7
65°	51.7	54.9	59.2	56.0	53.8
67.5°	38.8	44.2	48.5	44.2	42.0
70°	30.2	32.3	35.5	33.4	30.2
72.5°	22.6	23.7	24.8	22.6	20.5
75°	17.2	17.2	16.2	14.0	12.9
77.5°	11.8	11.8	9.7	6.5	6.5
80°	7.5	7.5	5.4	2.2	2.2
82.5°	3.2	3.2	2.2	1.1	1.1
85°	1.1	1.1	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: LDSQA3D13R709030D2WDE010 3LSQCLDWWR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)