

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: P1309332

Luminaire Tested: LDSQA3D13R709030DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309332
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R709030DE010 3LSQCLDWWR1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , 3LSQCLDWWR1MW TR
Light Source: -
Ballast/Driver: -

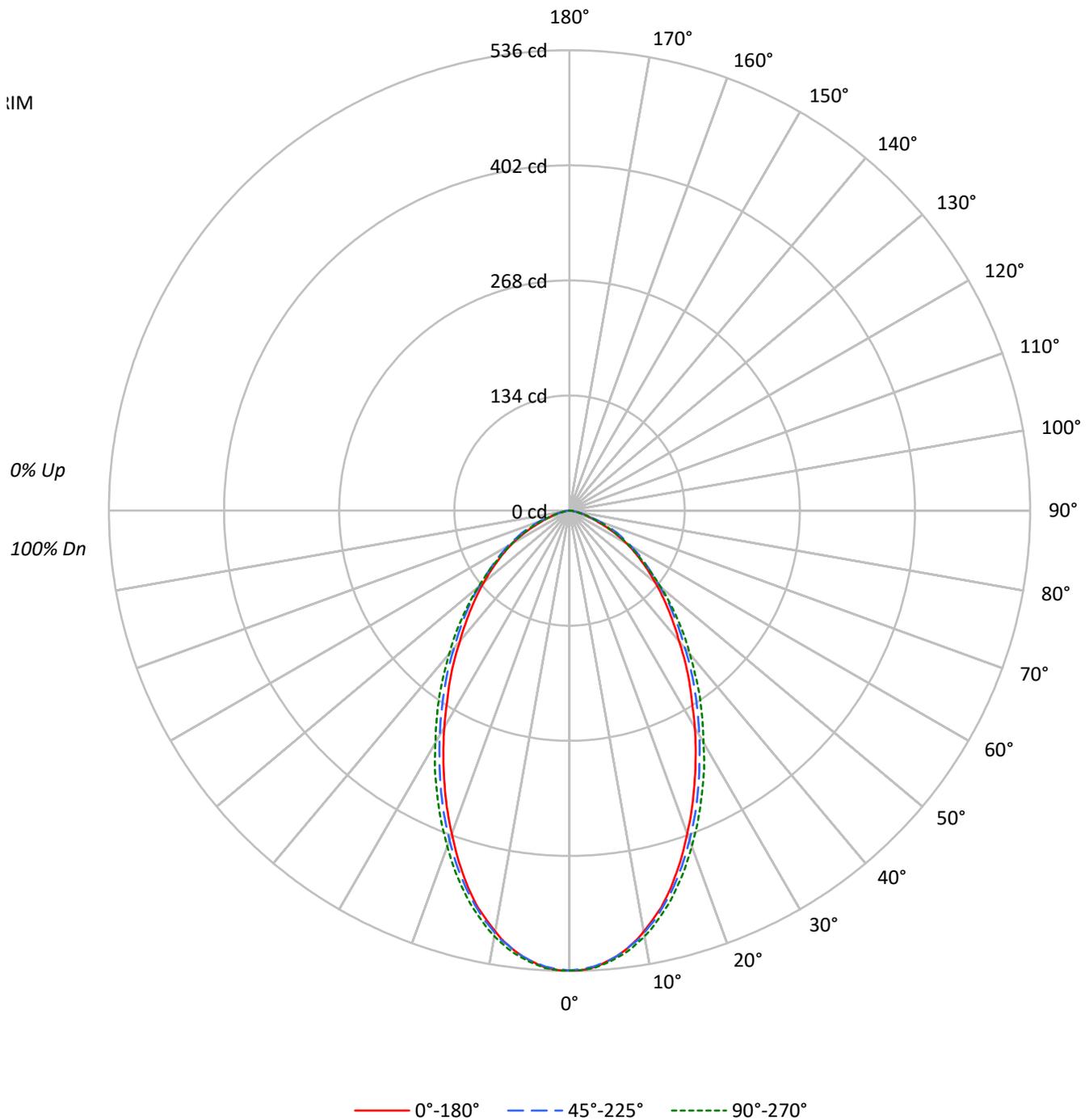
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 804.0 lumens
Efficiency: N/A
Efficacy: 55.1 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	89	89	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78	78	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68	68	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61	61	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	54	54	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49	49	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	44	44	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	40	40	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37	37	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34	34	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	92225	92225	92225
5°	90883	90883	91229
10°	87020	87352	88034
15°	81090	81785	82819
20°	73384	74813	76224
25°	65559	67402	69246
30°	57969	60097	62026
35°	51069	53318	55568
40°	44559	46965	48943
45°	39530	41649	43086
50°	34885	36707	37242
55°	30627	32398	31527
60°	26453	28451	27108
65°	20987	24573	22169
70°	15157	19084	16617
75°	11645	12310	10314
80°	7736	7736	5752
85°	3754	3754	3754

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 43086 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.4	6.1
10°-20°	128.2	15.9
20°-30°	162.8	20.3
30°-40°	158.4	19.7
40°-50°	131.7	16.4
50°-60°	95.0	11.8
60°-70°	55.9	7.0
70°-80°	19.8	2.5
80°-90°	2.9	0.4
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°	340.3	42.3
0°-40°	498.7	62.0
0°-60°	725.4	90.2
0°-90°	804.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	804.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	536	536	536	536	536	
5°	526	525	526	526	528	49
15°	455	455	459	462	464	127
25°	345	349	355	362	364	158
35°	243	246	254	260	264	152
45°	162	165	171	175	177	126
55°	102	105	108	107	105	92
65°	52	55	60	57	54	51
75°	18	18	18	16	16	19
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	535.5	535.5	535.5	535.5	535.5
1°	535.5	534.5	534.5	534.5	535.5
2°	534.5	533.5	533.5	533.5	534.5
3°	532.5	531.6	531.6	531.6	533.5
4°	529.6	527.7	528.7	528.7	530.6
5°	525.7	524.8	525.7	525.7	527.7
6°	521.8	520.9	521.8	521.8	523.8
7°	517.0	516.0	517.0	518.0	519.9
8°	511.2	510.2	511.2	512.1	515.0
9°	505.3	504.4	506.3	507.3	509.2
10°	497.6	497.6	499.5	500.5	503.4
11°	489.8	489.8	491.7	493.7	496.6
12°	482.0	482.0	484.9	486.9	488.8
13°	474.2	473.3	476.2	478.1	481.0
14°	464.5	463.5	467.4	470.3	473.3
15°	454.8	454.8	458.7	461.6	464.5
17.5°	428.6	429.5	434.4	438.3	441.2
20°	400.4	403.3	408.2	413.0	415.9
22.5°	373.2	375.1	381.9	387.7	390.7
25°	345.0	348.9	354.7	361.5	364.4
27.5°	317.8	321.7	327.5	334.3	339.2
30°	291.5	294.5	302.2	309.0	311.9
32.5°	265.3	269.2	277.0	283.8	287.6
35°	242.9	245.9	253.6	260.4	264.3
37.5°	220.6	223.5	231.3	237.1	240.0
40°	198.2	203.1	208.9	214.8	217.7
42.5°	179.8	183.7	189.5	194.4	197.3
45°	162.3	165.2	171.0	174.9	176.9
47.5°	145.8	148.7	154.5	156.5	157.4
50°	130.2	133.1	137.0	138.0	139.0
52.5°	115.6	117.6	121.5	121.5	120.5
55°	102.0	105.0	107.9	106.9	105.0
57.5°	89.4	90.4	95.2	93.3	91.3
60°	76.8	78.7	82.6	80.7	78.7
62.5°	64.1	66.1	70.9	69.0	66.1
65°	51.5	55.4	60.3	57.3	54.4
67.5°	38.9	43.7	48.6	45.7	43.7
70°	30.1	34.0	37.9	35.0	33.0
72.5°	23.3	25.3	27.2	25.3	23.3
75°	17.5	18.5	18.5	16.5	15.5
77.5°	12.6	13.6	11.7	9.7	9.7
80°	7.8	8.7	7.8	5.8	5.8
82.5°	3.9	4.9	3.9	3.9	3.9
85°	1.9	1.9	1.9	1.9	1.9
87.5°	1.0	1.0	1.0	1.0	1.0



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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)