

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: P1310125

Luminaire Tested: LDSQA3D05R709035DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310125
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: LDSQA3D05R709035DE010 3LSQCLDWWR1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , 3LSQCLDWWR1MW TR
Light Source: -
Ballast/Driver: -

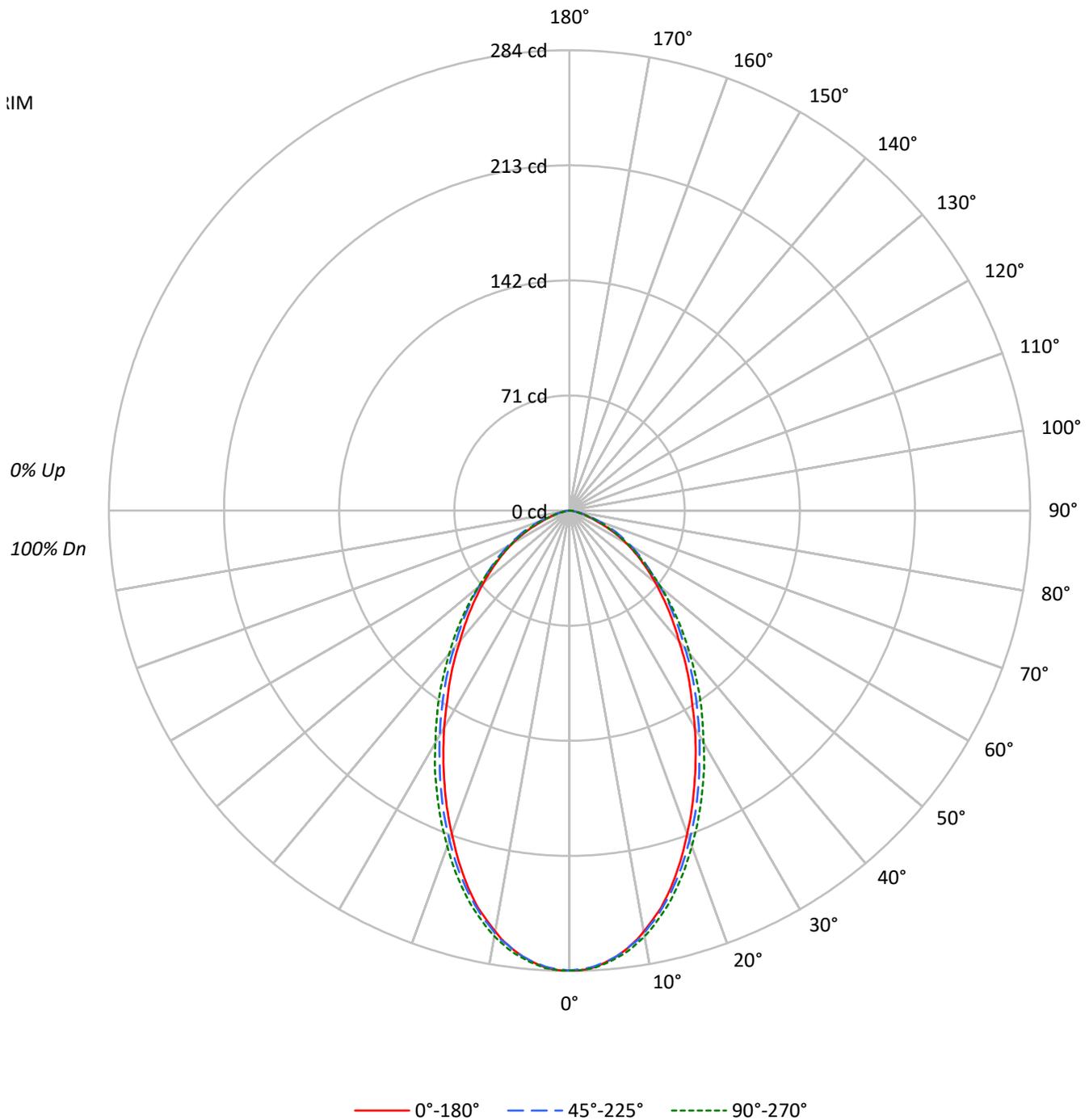
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 426.0 lumens
Efficiency: N/A
Efficacy: 59.2 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): 7.2
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	48860	48860	48860
5°	48165	48165	48337
10°	46098	46291	46640
15°	42970	43326	43879
20°	38873	39642	40394
25°	34737	35706	36694
30°	30725	31838	32872
35°	27059	28257	29455
40°	23606	24888	25922
45°	20946	22066	22822
50°	18487	19452	19720
55°	16244	17175	16695
60°	14019	15087	14363
65°	11125	13000	11736
70°	8057	10121	8812
75°	6188	6521	5456
80°	4066	4066	3075
85°	1976	1976	1976

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 22822 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	6.1
10°-20°	67.9	15.9
20°-30°	86.3	20.3
30°-40°	83.9	19.7
40°-50°	69.8	16.4
50°-60°	50.3	11.8
60°-70°	29.6	7.0
70°-80°	10.5	2.5
80°-90°	1.5	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°	180.3	42.3
0°-40°	264.2	62.0
0°-60°	384.4	90.2
0°-90°	426.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	426.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	284	284	284	284	284	
5°	279	278	279	279	280	26
15°	241	241	243	245	246	67
25°	183	185	188	192	193	84
35°	129	130	134	138	140	80
45°	86	88	91	93	94	67
55°	54	56	57	57	56	49
65°	27	29	32	30	29	27
75°	9	10	10	9	8	10
85°	1	1	1	1	1	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	283.7	283.7	283.7	283.7	283.7
1°	283.7	283.2	283.2	283.2	283.7
2°	283.2	282.7	282.7	282.7	283.2
3°	282.2	281.7	281.7	281.7	282.7
4°	280.6	279.6	280.1	280.1	281.1
5°	278.6	278.0	278.6	278.6	279.6
6°	276.5	276.0	276.5	276.5	277.5
7°	273.9	273.4	273.9	274.4	275.5
8°	270.8	270.3	270.8	271.4	272.9
9°	267.7	267.2	268.3	268.8	269.8
10°	263.6	263.6	264.7	265.2	266.7
11°	259.5	259.5	260.5	261.6	263.1
12°	255.4	255.4	256.9	258.0	259.0
13°	251.3	250.8	252.3	253.3	254.9
14°	246.1	245.6	247.7	249.2	250.8
15°	241.0	241.0	243.0	244.6	246.1
17.5°	227.1	227.6	230.2	232.2	233.8
20°	212.1	213.7	216.3	218.8	220.4
22.5°	197.7	198.8	202.4	205.4	207.0
25°	182.8	184.8	187.9	191.5	193.1
27.5°	168.4	170.4	173.5	177.1	179.7
30°	154.5	156.0	160.1	163.7	165.3
32.5°	140.6	142.6	146.7	150.4	152.4
35°	128.7	130.3	134.4	138.0	140.1
37.5°	116.9	118.4	122.5	125.6	127.2
40°	105.0	107.6	110.7	113.8	115.3
42.5°	95.3	97.3	100.4	103.0	104.5
45°	86.0	87.5	90.6	92.7	93.7
47.5°	77.2	78.8	81.9	82.9	83.4
50°	69.0	70.5	72.6	73.1	73.6
52.5°	61.3	62.3	64.4	64.4	63.8
55°	54.1	55.6	57.2	56.6	55.6
57.5°	47.4	47.9	50.5	49.4	48.4
60°	40.7	41.7	43.8	42.7	41.7
62.5°	34.0	35.0	37.6	36.6	35.0
65°	27.3	29.3	31.9	30.4	28.8
67.5°	20.6	23.2	25.7	24.2	23.2
70°	16.0	18.0	20.1	18.5	17.5
72.5°	12.4	13.4	14.4	13.4	12.4
75°	9.3	9.8	9.8	8.8	8.2
77.5°	6.7	7.2	6.2	5.1	5.1
80°	4.1	4.6	4.1	3.1	3.1
82.5°	2.1	2.6	2.1	2.1	2.1
85°	1.0	1.0	1.0	1.0	1.0
87.5°	0.5	0.5	0.5	0.5	0.5



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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)