

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: P1316292

Luminaire Tested: LDSQA3D05R359740DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316292
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359740DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

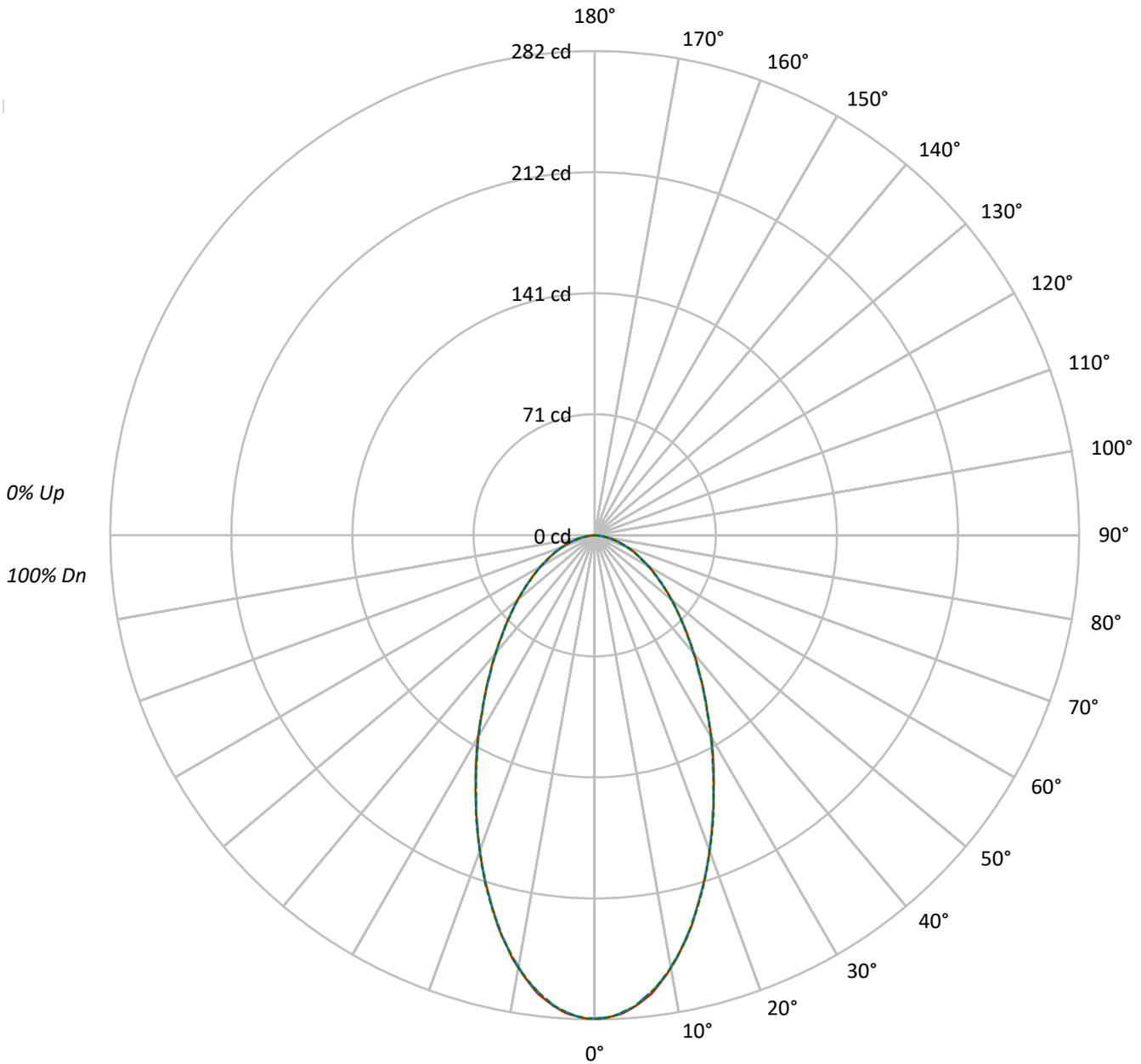
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 376.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
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



— 0°-180° - - 45°-225° - - - 90°-270°



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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	102	100	
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	79	77	
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	70	68	
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	62	60	
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	56	54	
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	51	49	
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	46	44	
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	42	41	
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	39	38	
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	36	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	48481	48481	48481
5°	47559	47490	47559
10°	44717	44629	44717
15°	40491	40491	40581
20°	35849	35849	35849
25°	31164	31069	31069
30°	27026	26827	26926
35°	23253	23169	23253
40°	20189	20076	20189
45°	17731	17609	17609
50°	15728	15594	15594
55°	13842	13842	13842
60°	12538	12366	12538
65°	11288	11288	11288
70°	10021	10021	10021
75°	9050	8717	9050
80°	7736	7736	7736
85°	4742	4742	4742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17731 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.6	6.8
10°-20°	63.4	16.8
20°-30°	75.3	20.0
30°-40°	69.2	18.4
40°-50°	56.2	14.9
50°-60°	41.6	11.1
60°-70°	27.5	7.3
70°-80°	14.2	3.8
80°-90°	3.2	0.9
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°	164.2	43.7
0°-40°	233.4	62.1
0°-60°	331.1	88.1
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	282	282	282	282	282	
5°	275	275	275	275	275	26
15°	227	227	227	227	228	63
25°	164	164	164	164	164	75
35°	111	110	110	111	111	69
45°	73	72	72	72	72	56
55°	46	46	46	46	46	42
65°	28	28	28	28	28	27
75°	14	14	13	14	14	14
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°	281.5	281.5	281.5	281.5	281.5
1°	281.5	281.0	281.0	281.0	281.5
2°	280.5	280.5	280.5	280.5	280.5
3°	279.5	279.0	279.0	279.0	279.0
4°	277.6	277.1	277.1	277.1	277.1
5°	275.1	274.7	274.7	274.7	275.1
6°	272.2	271.7	271.3	271.3	271.7
7°	269.3	268.3	268.3	268.3	268.3
8°	265.0	264.5	264.5	264.5	264.5
9°	260.6	259.6	260.1	260.1	260.1
10°	255.7	255.2	255.2	255.2	255.7
11°	250.9	250.4	250.4	249.9	250.4
12°	245.1	245.1	245.1	245.1	245.1
13°	239.7	239.2	239.2	239.2	239.7
14°	233.9	233.4	233.4	233.4	233.4
15°	227.1	227.1	227.1	227.1	227.6
17.5°	211.6	211.1	211.6	211.6	212.1
20°	195.6	195.1	195.6	195.6	195.6
22.5°	179.5	179.5	179.1	179.5	180.0
25°	164.0	163.5	163.5	164.0	163.5
27.5°	149.5	149.0	149.0	149.0	149.0
30°	135.9	134.9	134.9	135.4	135.4
32.5°	121.8	121.8	122.3	121.8	121.8
35°	110.6	110.2	110.2	110.6	110.6
37.5°	99.5	99.0	99.0	99.5	99.5
40°	89.8	89.8	89.3	89.8	89.8
42.5°	80.6	80.6	80.6	80.6	80.6
45°	72.8	72.3	72.3	72.3	72.3
47.5°	65.0	65.0	65.0	64.5	65.0
50°	58.7	58.2	58.2	58.2	58.2
52.5°	51.9	51.9	51.9	51.9	51.9
55°	46.1	46.1	46.1	46.1	46.1
57.5°	41.2	40.8	40.8	40.8	40.8
60°	36.4	36.4	35.9	36.4	36.4
62.5°	31.5	31.5	31.5	31.5	31.5
65°	27.7	27.7	27.7	27.7	27.7
67.5°	23.8	23.8	23.8	23.8	23.8
70°	19.9	19.9	19.9	19.9	19.9
72.5°	17.0	16.5	16.5	16.5	16.5
75°	13.6	13.6	13.1	13.6	13.6
77.5°	10.2	10.2	10.2	10.2	10.2
80°	7.8	7.8	7.8	7.3	7.8
82.5°	4.9	4.9	4.9	4.9	4.9
85°	2.4	2.4	2.4	2.4	2.4
87.5°	0.5	0.5	0.5	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)