

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: P1316258

Luminaire Tested: LDSQA3D05R259740DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316258
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R259740DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

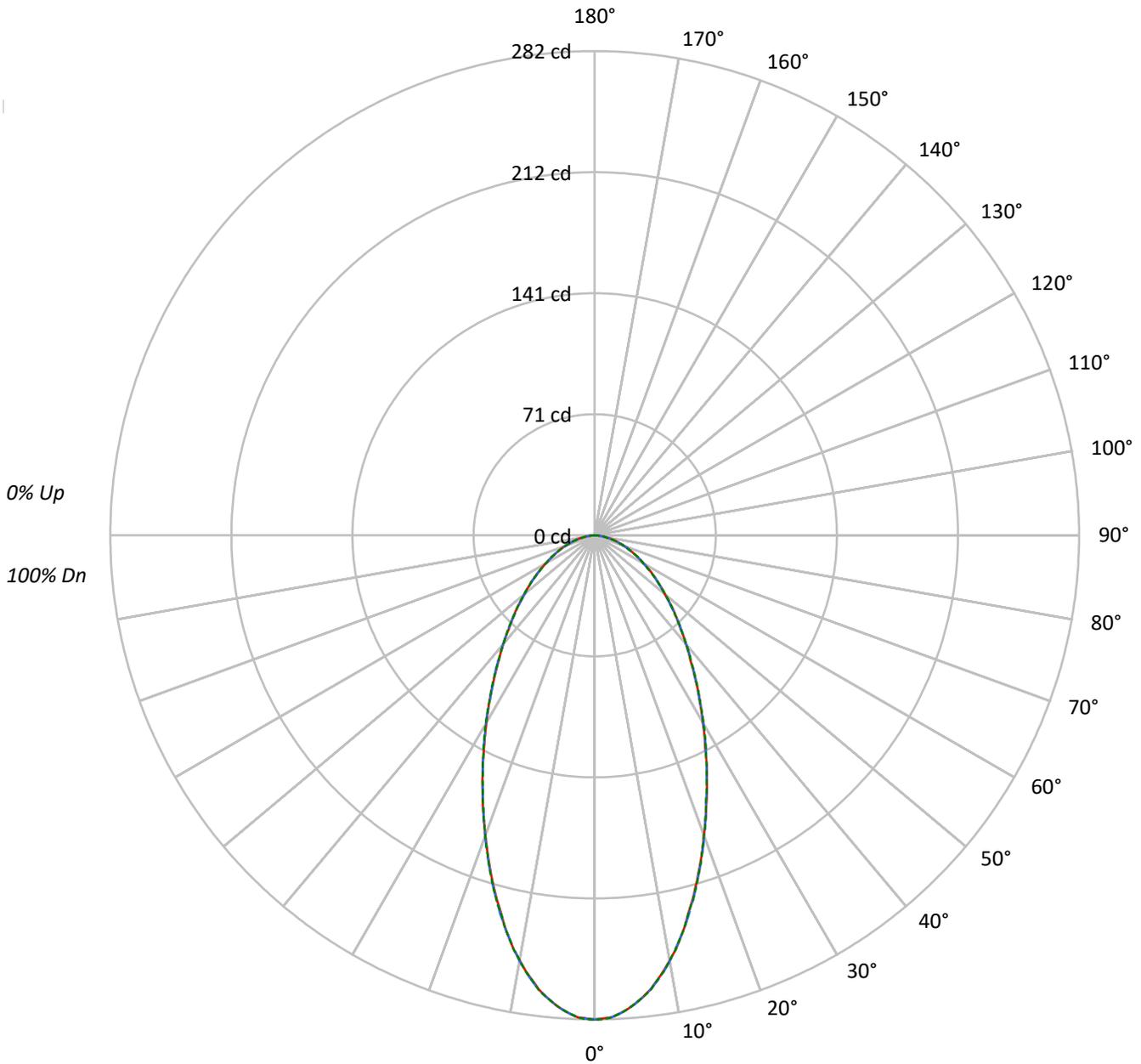
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 353.0 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
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 (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



— 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	102	100
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	48567	48567	48567
5°	47317	47317	47317
10°	43965	44052	43965
15°	39208	39297	39297
20°	34089	34181	34089
25°	29359	29283	29283
30°	25057	25137	25236
35°	21487	21487	21592
40°	18615	18615	18615
45°	16294	16294	16294
50°	14281	14281	14415
55°	12791	12791	12791
60°	11332	11332	11332
65°	10269	10269	10269
70°	9265	9013	9265
75°	8384	8052	8052
80°	6744	6744	6744
85°	4742	4742	4742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16294 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.4	7.2
10°-20°	61.4	17.4
20°-30°	70.9	20.1
30°-40°	64.3	18.2
40°-50°	51.8	14.7
50°-60°	38.2	10.8
60°-70°	25.1	7.1
70°-80°	13.0	3.7
80°-90°	2.9	0.8
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°	157.7	44.7
0°-40°	222.0	62.9
0°-60°	312.0	88.4
0°-90°	353.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	353.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	282	282	282	282	282	
5°	274	275	274	274	274	25
15°	220	220	220	220	220	61
25°	154	154	154	154	154	71
35°	102	102	102	102	103	64
45°	67	67	67	67	67	52
55°	43	43	43	42	43	38
65°	25	25	25	25	25	25
75°	13	12	12	12	12	13
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°	282.0	282.0	282.0	282.0	282.0
1°	281.5	282.4	281.5	281.5	282.0
2°	281.0	281.5	281.0	281.0	281.0
3°	279.0	280.0	279.0	279.0	279.0
4°	276.6	277.6	276.6	276.6	276.6
5°	273.7	274.7	273.7	273.7	273.7
6°	270.3	270.8	270.3	270.3	270.3
7°	266.5	266.9	266.5	266.5	266.9
8°	261.6	262.1	262.1	261.6	261.6
9°	256.8	257.2	257.2	256.8	257.2
10°	251.4	251.9	251.9	251.4	251.4
11°	246.1	246.6	245.6	245.6	246.1
12°	239.8	240.3	239.8	239.8	239.8
13°	233.5	233.5	233.5	233.5	233.5
14°	226.2	227.2	227.2	226.7	226.2
15°	219.9	220.4	220.4	219.9	220.4
17.5°	203.0	204.0	203.5	203.5	203.5
20°	186.0	186.5	186.5	186.0	186.0
22.5°	170.0	169.6	169.6	169.6	169.6
25°	154.5	154.1	154.1	154.5	154.1
27.5°	139.5	140.0	140.0	139.5	140.0
30°	126.0	126.0	126.4	126.0	126.9
32.5°	113.8	113.8	113.4	113.8	113.8
35°	102.2	102.2	102.2	102.2	102.7
37.5°	91.6	92.0	92.5	92.5	92.0
40°	82.8	82.8	82.8	82.8	82.8
42.5°	74.1	74.1	74.6	74.6	74.6
45°	66.9	66.9	66.9	66.9	66.9
47.5°	60.1	60.1	59.6	59.6	60.1
50°	53.3	53.8	53.3	53.3	53.8
52.5°	48.0	47.5	47.5	48.0	48.0
55°	42.6	42.6	42.6	42.1	42.6
57.5°	37.8	37.8	37.3	37.3	37.3
60°	32.9	32.9	32.9	32.9	32.9
62.5°	29.1	29.1	29.1	29.1	29.1
65°	25.2	25.2	25.2	25.2	25.2
67.5°	21.8	21.8	21.8	21.8	21.3
70°	18.4	18.4	17.9	17.9	18.4
72.5°	15.0	15.0	15.0	15.0	15.0
75°	12.6	12.1	12.1	12.1	12.1
77.5°	9.7	9.7	9.2	9.7	9.2
80°	6.8	6.8	6.8	6.8	6.8
82.5°	4.8	4.4	4.4	4.4	4.4
85°	2.4	2.4	2.4	2.4	2.4
87.5°	0.5	0.5	0.5	0.5	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)