

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: P1318930

Luminaire Tested: LDSQA3D05R259835DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318930
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: LDSQA3D05R259835DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

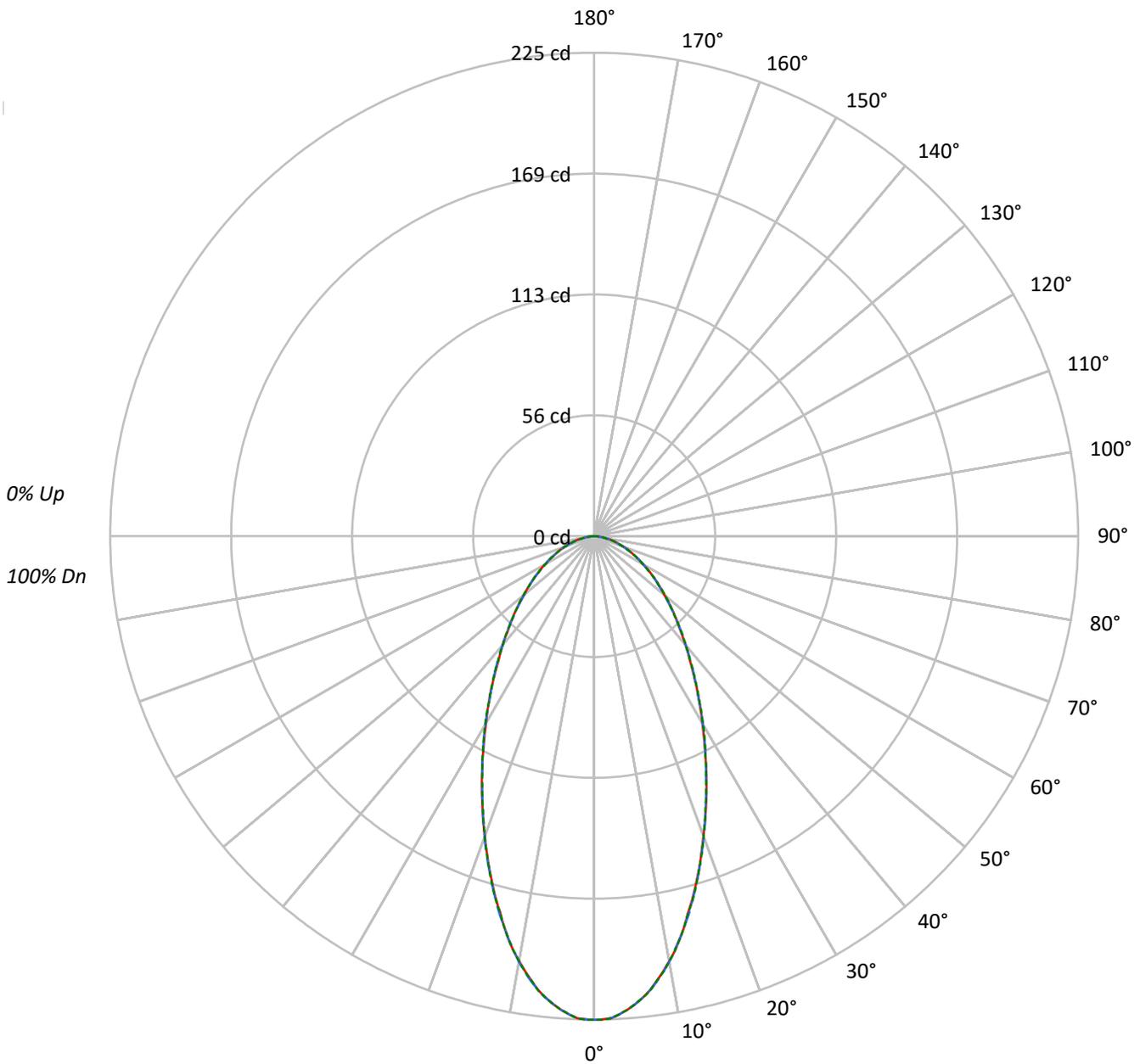
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 282.0 lumens
Efficiency: N/A
Efficacy: 39.2 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 (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: P1318930
CATALOG NUMBER: LDSQA3D05R259835DE010 3LSQPHRLD1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ···· 90°-270°



TEST NUMBER: P1318930

CATALOG NUMBER: LDSQA3D05R259835DE010 3LSQPHRLD1MW

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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	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	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	38785	38785	38785
5°	37809	37809	37809
10°	35133	35186	35133
15°	31327	31398	31398
20°	27235	27308	27235
25°	23468	23392	23392
30°	20006	20085	20165
35°	17177	17177	17240
40°	14883	14883	14883
45°	13006	13006	13006
50°	11414	11414	11521
55°	10239	10239	10239
60°	9059	9059	9059
65°	8191	8191	8191
70°	7402	7201	7402
75°	6721	6455	6455
80°	5356	5356	5356
85°	3754	3754	3754

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13006 cd/sqm



TEST NUMBER: P1318930

CATALOG NUMBER: LDSQA3D05R259835DE010 3LSQPHRLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	7.2
10°-20°	49.0	17.4
20°-30°	56.7	20.1
30°-40°	51.4	18.2
40°-50°	41.4	14.7
50°-60°	30.5	10.8
60°-70°	20.0	7.1
70°-80°	10.4	3.7
80°-90°	2.3	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°	126.0	44.7
0°-40°	177.4	62.9
0°-60°	249.3	88.4
0°-90°	282.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	225	225	225	225	225	
5°	219	219	219	219	219	20
15°	176	176	176	176	176	49
25°	124	123	123	124	123	57
35°	82	82	82	82	82	51
45°	53	53	53	53	53	41
55°	34	34	34	34	34	31
65°	20	20	20	20	20	20
75°	10	10	10	10	10	11
85°	2	2	2	2	2	2
90°	0	0	0	0	0	



TEST NUMBER: P1318930

CATALOG NUMBER: LDSQA3D05R259835DE010 3LSQPHRLD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	225.2	225.2	225.2	225.2	225.2
1°	224.9	225.6	224.9	224.9	225.2
2°	224.5	224.9	224.5	224.5	224.5
3°	222.9	223.7	222.9	222.9	222.9
4°	221.0	221.8	221.0	221.0	221.0
5°	218.7	219.4	218.7	218.7	218.7
6°	216.0	216.3	216.0	216.0	216.0
7°	212.9	213.2	212.9	212.9	213.2
8°	209.0	209.4	209.4	209.0	209.0
9°	205.1	205.5	205.5	205.1	205.5
10°	200.9	201.2	201.2	200.9	200.9
11°	196.6	197.0	196.2	196.2	196.6
12°	191.6	192.0	191.6	191.6	191.6
13°	186.5	186.5	186.5	186.5	186.5
14°	180.7	181.5	181.5	181.1	180.7
15°	175.7	176.1	176.1	175.7	176.1
17.5°	162.2	162.9	162.5	162.5	162.5
20°	148.6	149.0	149.0	148.6	148.6
22.5°	135.8	135.5	135.5	135.5	135.5
25°	123.5	123.1	123.1	123.5	123.1
27.5°	111.5	111.8	111.8	111.5	111.8
30°	100.6	100.6	101.0	100.6	101.4
32.5°	90.9	90.9	90.6	90.9	90.9
35°	81.7	81.7	81.7	81.7	82.0
37.5°	73.1	73.5	73.9	73.9	73.5
40°	66.2	66.2	66.2	66.2	66.2
42.5°	59.2	59.2	59.6	59.6	59.6
45°	53.4	53.4	53.4	53.4	53.4
47.5°	48.0	48.0	47.6	47.6	48.0
50°	42.6	43.0	42.6	42.6	43.0
52.5°	38.3	37.9	37.9	38.3	38.3
55°	34.1	34.1	34.1	33.7	34.1
57.5°	30.2	30.2	29.8	29.8	29.8
60°	26.3	26.3	26.3	26.3	26.3
62.5°	23.2	23.2	23.2	23.2	23.2
65°	20.1	20.1	20.1	20.1	20.1
67.5°	17.4	17.4	17.4	17.4	17.0
70°	14.7	14.7	14.3	14.3	14.7
72.5°	12.0	12.0	12.0	12.0	12.0
75°	10.1	9.7	9.7	9.7	9.7
77.5°	7.7	7.7	7.4	7.7	7.4
80°	5.4	5.4	5.4	5.4	5.4
82.5°	3.9	3.5	3.5	3.5	3.5
85°	1.9	1.9	1.9	1.9	1.9
87.5°	0.4	0.4	0.4	0.4	0.8



TEST NUMBER: P1318930

CATALOG NUMBER: LDSQA3D05R259835DE010 3LSQPHRLD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)