

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: P1318088

Luminaire Tested: LDSQA3D05R359830DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318088
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: LDSQA3D05R359830DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

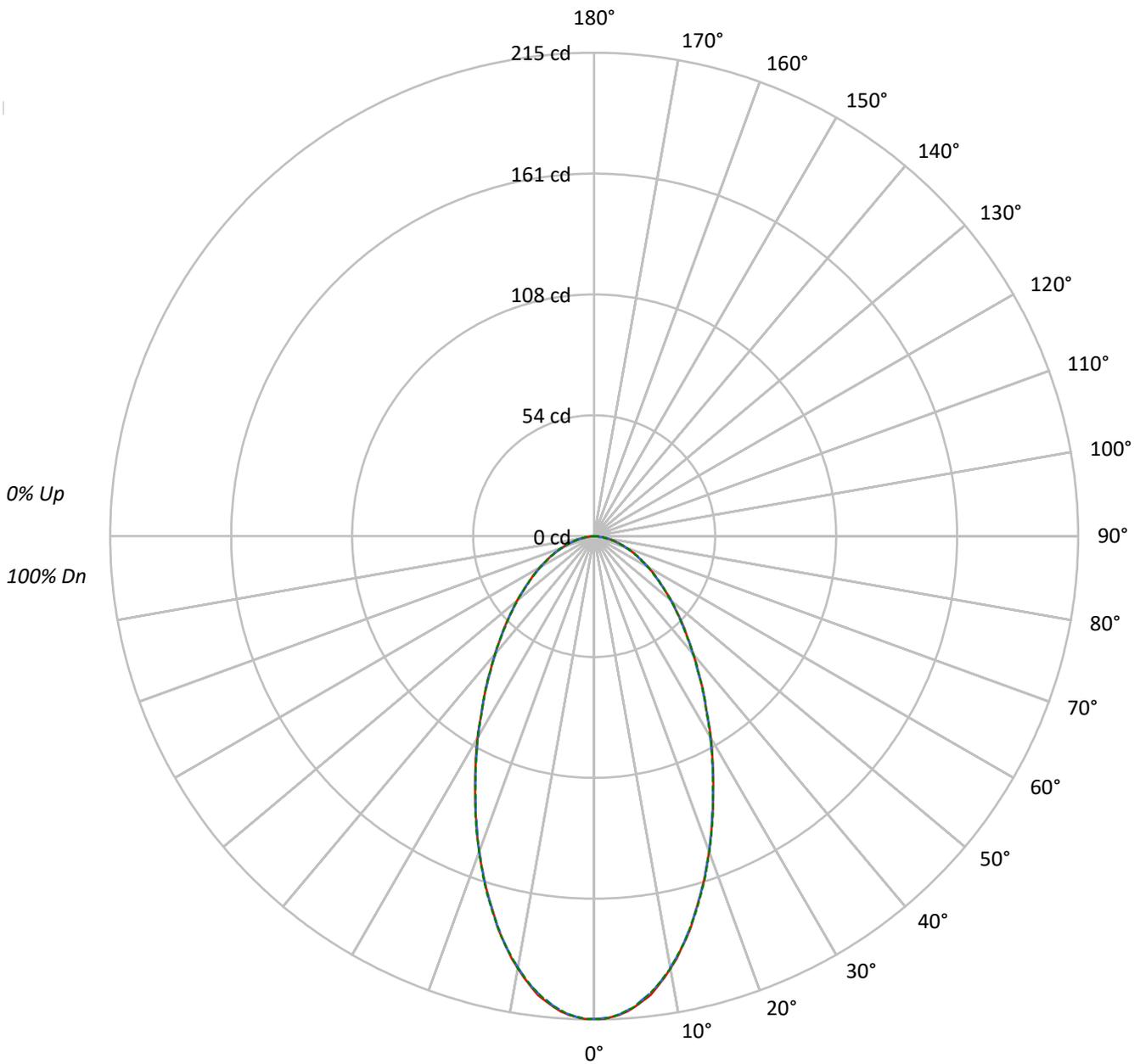
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 287.0 lumens
Efficiency: N/A
Efficacy: 39.9 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	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	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	90	90	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	79	79	79	77	
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	70	70	70	68	
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	62	62	62	60	
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	56	56	56	54	
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	51	51	51	49	
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	46	46	46	44	
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	42	42	42	41	
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	39	39	39	38	
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	36	36	36	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	36993	36993	36993
5°	36305	36236	36305
10°	34136	34067	34136
15°	30899	30899	30970
20°	27363	27363	27363
25°	23791	23715	23715
30°	20622	20483	20543
35°	17766	17682	17766
40°	15400	15333	15400
45°	13542	13444	13444
50°	12003	11896	11896
55°	10569	10569	10569
60°	9576	9438	9576
65°	8599	8599	8599
70°	7654	7654	7654
75°	6920	6654	6920
80°	5852	5852	5852
85°	3754	3754	3754

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13542 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	6.8
10°-20°	48.4	16.8
20°-30°	57.4	20.0
30°-40°	52.8	18.4
40°-50°	42.9	14.9
50°-60°	31.7	11.0
60°-70°	21.0	7.3
70°-80°	10.9	3.8
80°-90°	2.5	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°	125.3	43.7
0°-40°	178.2	62.1
0°-60°	252.7	88.1
0°-90°	287.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	287.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	215	215	215	215	215	
5°	210	210	210	210	210	20
15°	173	173	173	173	174	48
25°	125	125	125	125	125	58
35°	84	84	84	84	84	53
45°	56	55	55	55	55	43
55°	35	35	35	35	35	32
65°	21	21	21	21	21	21
75°	10	10	10	10	10	11
85°	2	2	2	2	2	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	214.8	214.8	214.8	214.8	214.8
1°	214.8	214.5	214.5	214.5	214.8
2°	214.1	214.1	214.1	214.1	214.1
3°	213.3	213.0	213.0	213.0	213.0
4°	211.9	211.5	211.5	211.5	211.5
5°	210.0	209.6	209.6	209.6	210.0
6°	207.8	207.4	207.1	207.1	207.4
7°	205.6	204.8	204.8	204.8	204.8
8°	202.2	201.9	201.9	201.9	201.9
9°	198.9	198.2	198.5	198.5	198.5
10°	195.2	194.8	194.8	194.8	195.2
11°	191.5	191.1	191.1	190.8	191.1
12°	187.1	187.1	187.1	187.1	187.1
13°	183.0	182.6	182.6	182.6	183.0
14°	178.5	178.2	178.2	178.2	178.2
15°	173.3	173.3	173.3	173.3	173.7
17.5°	161.5	161.1	161.5	161.5	161.9
20°	149.3	148.9	149.3	149.3	149.3
22.5°	137.0	137.0	136.7	137.0	137.4
25°	125.2	124.8	124.8	125.2	124.8
27.5°	114.1	113.7	113.7	113.7	113.7
30°	103.7	103.0	103.0	103.3	103.3
32.5°	93.0	93.0	93.3	93.0	93.0
35°	84.5	84.1	84.1	84.5	84.5
37.5°	75.9	75.6	75.6	75.9	75.9
40°	68.5	68.5	68.2	68.5	68.5
42.5°	61.5	61.5	61.5	61.5	61.5
45°	55.6	55.2	55.2	55.2	55.2
47.5°	49.6	49.6	49.6	49.3	49.6
50°	44.8	44.4	44.4	44.4	44.4
52.5°	39.6	39.6	39.6	39.6	39.6
55°	35.2	35.2	35.2	35.2	35.2
57.5°	31.5	31.1	31.1	31.1	31.1
60°	27.8	27.8	27.4	27.8	27.8
62.5°	24.1	24.1	24.1	24.1	24.1
65°	21.1	21.1	21.1	21.1	21.1
67.5°	18.1	18.1	18.1	18.1	18.1
70°	15.2	15.2	15.2	15.2	15.2
72.5°	13.0	12.6	12.6	12.6	12.6
75°	10.4	10.4	10.0	10.4	10.4
77.5°	7.8	7.8	7.8	7.8	7.8
80°	5.9	5.9	5.9	5.6	5.9
82.5°	3.7	3.7	3.7	3.7	3.7
85°	1.9	1.9	1.9	1.9	1.9
87.5°	0.4	0.4	0.4	0.7	0.7



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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)