

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: P1310388

Luminaire Tested: LDSQA3D13R359035DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310388
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: LDSQA3D13R359035DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

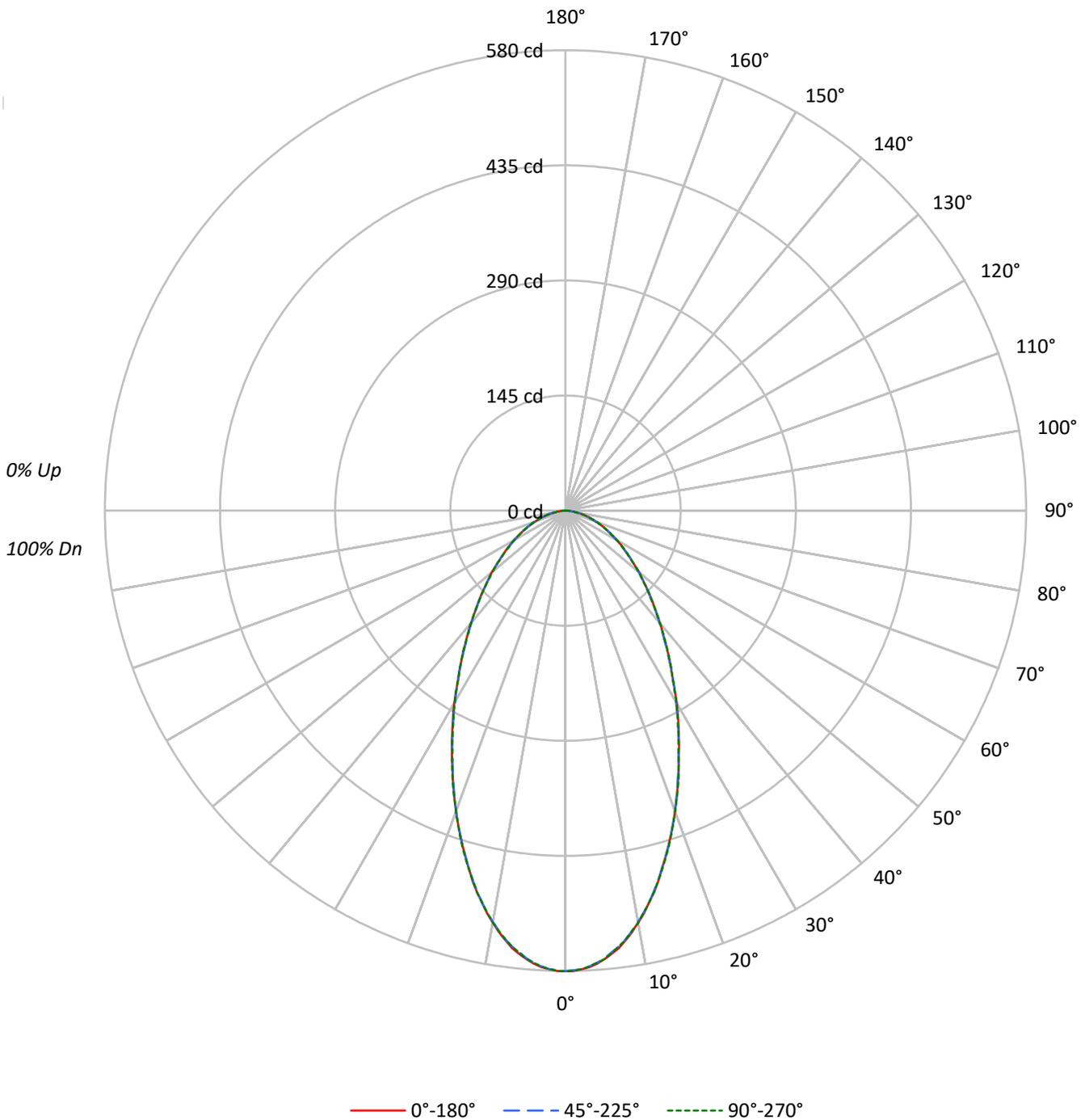
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 774.9 lumens
Efficiency: N/A
Efficacy: 53.1 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): 14.6
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	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	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	99906	99906	99906
5°	98041	97868	98041
10°	92179	92004	92179
15°	83461	83461	83640
20°	73878	73878	73878
25°	64248	64058	64058
30°	55702	55305	55503
35°	47936	47726	47936
40°	41592	41367	41592
45°	36534	36290	36290
50°	32420	32152	32152
55°	28525	28525	28525
60°	25833	25489	25833
65°	23228	23228	23228
70°	20645	20645	20645
75°	18632	17966	18632
80°	15869	15869	15869
85°	9880	9880	9880

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 36534 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	6.8
10°-20°	130.6	16.8
20°-30°	155.2	20.0
30°-40°	142.6	18.4
40°-50°	115.7	14.9
50°-60°	85.6	11.1
60°-70°	56.6	7.3
70°-80°	29.3	3.8
80°-90°	6.6	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°	338.5	43.7
0°-40°	481.1	62.1
0°-60°	682.4	88.1
0°-90°	774.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	774.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	580	580	580	580	580	
5°	567	566	566	566	567	53
15°	468	468	468	468	469	131
25°	338	337	337	338	337	155
35°	228	227	227	228	228	143
45°	150	149	149	149	149	116
55°	95	95	95	95	95	86
65°	57	57	57	57	57	57
75°	28	28	27	28	28	30
85°	5	5	5	5	5	7
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	580.1	580.1	580.1	580.1	580.1
1°	580.1	579.1	579.1	579.1	580.1
2°	578.1	578.1	578.1	578.1	578.1
3°	576.1	575.1	575.1	575.1	575.1
4°	572.1	571.1	571.1	571.1	571.1
5°	567.1	566.1	566.1	566.1	567.1
6°	561.1	560.1	559.1	559.1	560.1
7°	555.1	553.1	553.1	553.1	553.1
8°	546.1	545.1	545.1	545.1	545.1
9°	537.1	535.1	536.1	536.1	536.1
10°	527.1	526.1	526.1	526.1	527.1
11°	517.1	516.1	516.1	515.1	516.1
12°	505.1	505.1	505.1	505.1	505.1
13°	494.1	493.1	493.1	493.1	494.1
14°	482.1	481.1	481.1	481.1	481.1
15°	468.1	468.1	468.1	468.1	469.1
17.5°	436.1	435.1	436.1	436.1	437.1
20°	403.1	402.1	403.1	403.1	403.1
22.5°	370.1	370.1	369.1	370.1	371.1
25°	338.1	337.1	337.1	338.1	337.1
27.5°	308.1	307.1	307.1	307.1	307.1
30°	280.1	278.1	278.1	279.1	279.1
32.5°	251.1	251.1	252.1	251.1	251.1
35°	228.0	227.0	227.0	228.0	228.0
37.5°	205.0	204.0	204.0	205.0	205.0
40°	185.0	185.0	184.0	185.0	185.0
42.5°	166.0	166.0	166.0	166.0	166.0
45°	150.0	149.0	149.0	149.0	149.0
47.5°	134.0	134.0	134.0	133.0	134.0
50°	121.0	120.0	120.0	120.0	120.0
52.5°	107.0	107.0	107.0	107.0	107.0
55°	95.0	95.0	95.0	95.0	95.0
57.5°	85.0	84.0	84.0	84.0	84.0
60°	75.0	75.0	74.0	75.0	75.0
62.5°	65.0	65.0	65.0	65.0	65.0
65°	57.0	57.0	57.0	57.0	57.0
67.5°	49.0	49.0	49.0	49.0	49.0
70°	41.0	41.0	41.0	41.0	41.0
72.5°	35.0	34.0	34.0	34.0	34.0
75°	28.0	28.0	27.0	28.0	28.0
77.5°	21.0	21.0	21.0	21.0	21.0
80°	16.0	16.0	16.0	15.0	16.0
82.5°	10.0	10.0	10.0	10.0	10.0
85°	5.0	5.0	5.0	5.0	5.0
87.5°	1.0	1.0	1.0	2.0	2.0



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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)