

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: P1320391

Luminaire Tested: LDSQA3D20R259840D010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320391
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D20R259840D010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

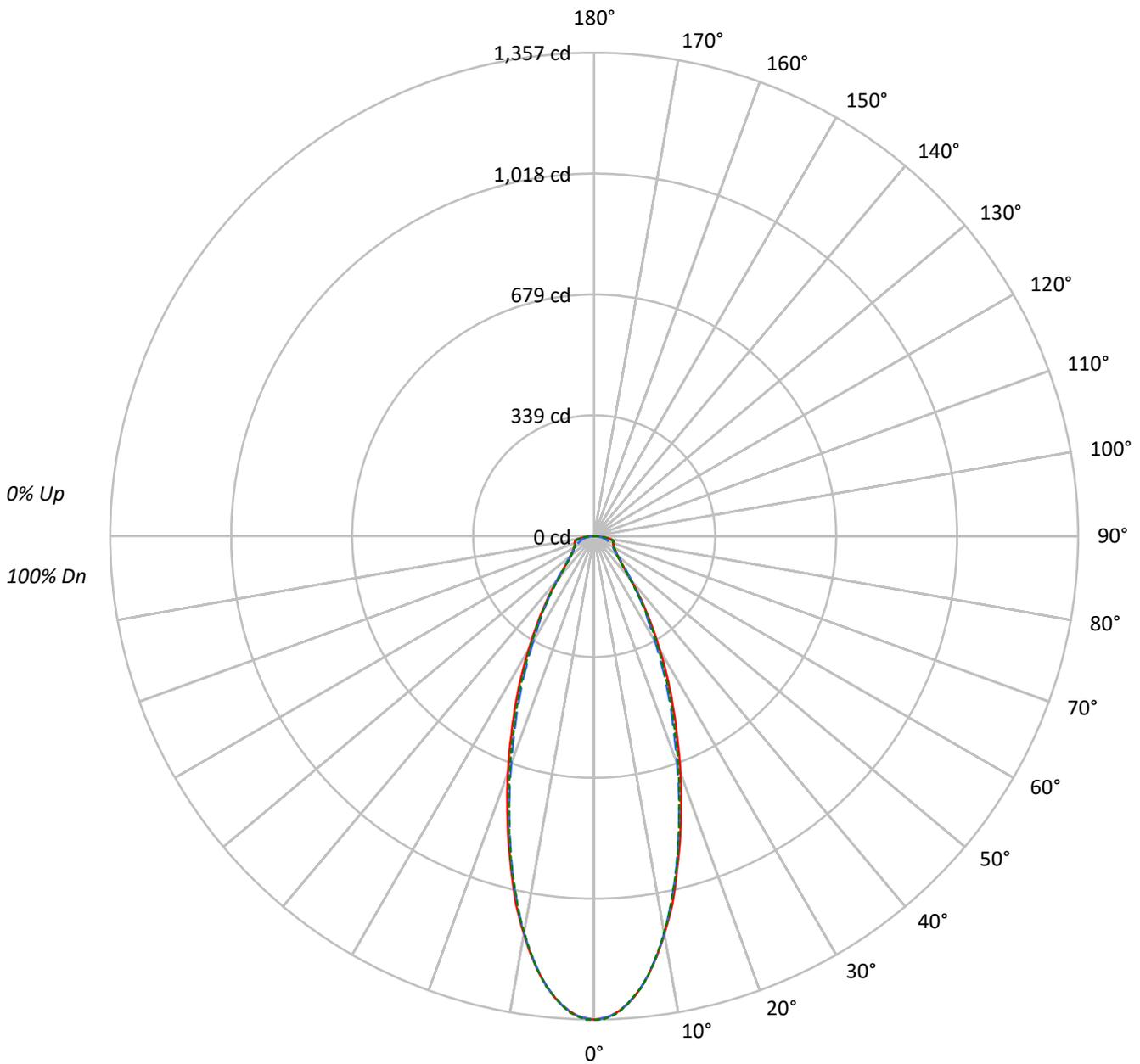
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1025.0 lumens
Efficiency: N/A
Efficacy: 37.4 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	81	81	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	74	74	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	63	63	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	58	58	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	54	54	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	51	51	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	45	45	45	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	233741	233741	233741
5°	224278	223984	223984
10°	198261	197981	197404
15°	163731	161413	162287
20°	129704	124371	126442
25°	98795	93550	96020
30°	72785	67634	70538
35°	52099	49723	50396
40°	35679	36421	34600
45°	26426	28009	26037
50°	22988	22988	22560
55°	21889	20898	21889
60°	22320	20632	22320
65°	24410	21109	24410
70°	29357	21199	28551
75°	36664	22624	36664
80°	46614	24101	43341
85°	38335	22329	38335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 46614 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.4	11.6
10°-20°	251.6	24.6
20°-30°	230.6	22.5
30°-40°	152.1	14.8
40°-50°	88.5	8.6
50°-60°	64.7	6.3
60°-70°	54.9	5.4
70°-80°	45.4	4.4
80°-90°	18.7	1.8
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°	600.7	58.6
0°-40°	752.8	73.4
0°-60°	905.9	88.4
0°-90°	1025.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1025.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1357	1357	1357	1357	1357	
5°	1297	1296	1296	1297	1296	119
15°	918	915	905	909	910	254
25°	520	505	492	494	505	239
35°	248	243	236	236	240	157
45°	108	112	115	108	107	88
55°	73	73	70	71	73	66
65°	60	55	52	55	60	60
75°	55	42	34	42	55	58
85°	19	21	11	21	19	22
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1357.2	1357.2	1357.2	1357.2	1357.2
1°	1353.9	1353.9	1353.9	1353.9	1357.2
2°	1347.5	1345.8	1347.5	1347.5	1349.1
3°	1334.5	1334.5	1334.5	1334.5	1337.7
4°	1318.3	1318.3	1318.3	1318.3	1318.3
5°	1297.3	1295.6	1295.6	1297.3	1295.6
6°	1271.3	1271.3	1271.3	1271.3	1273.0
7°	1242.2	1240.6	1240.6	1238.9	1242.2
8°	1208.2	1208.2	1206.6	1204.9	1208.2
9°	1172.5	1174.2	1170.9	1169.3	1169.3
10°	1133.7	1132.1	1132.1	1132.1	1128.8
11°	1094.8	1090.0	1088.3	1088.3	1091.6
12°	1055.9	1047.8	1044.6	1044.6	1044.6
13°	1009.0	1005.7	1000.9	997.6	999.3
14°	962.0	962.0	953.9	953.9	957.1
15°	918.3	915.0	905.3	908.6	910.2
17.5°	809.8	803.3	792.0	792.0	793.6
20°	707.7	696.4	678.6	686.7	689.9
22.5°	607.3	596.0	578.2	586.3	589.5
25°	519.9	505.3	492.3	494.0	505.3
27.5°	440.5	424.3	411.4	416.2	422.7
30°	366.0	356.3	340.1	348.2	354.7
32.5°	302.9	294.8	283.4	288.3	294.8
35°	247.8	242.9	236.5	236.5	239.7
37.5°	200.8	199.2	196.0	194.3	192.7
40°	158.7	162.0	162.0	158.7	153.9
42.5°	129.6	132.8	136.0	129.6	124.7
45°	108.5	111.7	115.0	108.5	106.9
47.5°	95.6	97.2	98.8	95.6	93.9
50°	85.8	85.8	85.8	84.2	84.2
52.5°	79.4	77.7	76.1	77.7	77.7
55°	72.9	72.9	69.6	71.3	72.9
57.5°	68.0	66.4	64.8	66.4	68.0
60°	64.8	61.5	59.9	61.5	64.8
62.5°	61.5	58.3	55.1	58.3	61.5
65°	59.9	55.1	51.8	55.1	59.9
67.5°	58.3	51.8	47.0	51.8	58.3
70°	58.3	48.6	42.1	48.6	56.7
72.5°	56.7	45.3	38.9	45.3	56.7
75°	55.1	42.1	34.0	42.1	55.1
77.5°	53.4	38.9	29.2	38.9	51.8
80°	47.0	35.6	24.3	35.6	43.7
82.5°	34.0	29.2	19.4	29.2	32.4
85°	19.4	21.1	11.3	21.1	19.4
87.5°	3.2	4.9	3.2	8.1	6.5



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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)