

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: P1319661

Luminaire Tested: LDSQA3D02R259840DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319661
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: LDSQA3D02R259840DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

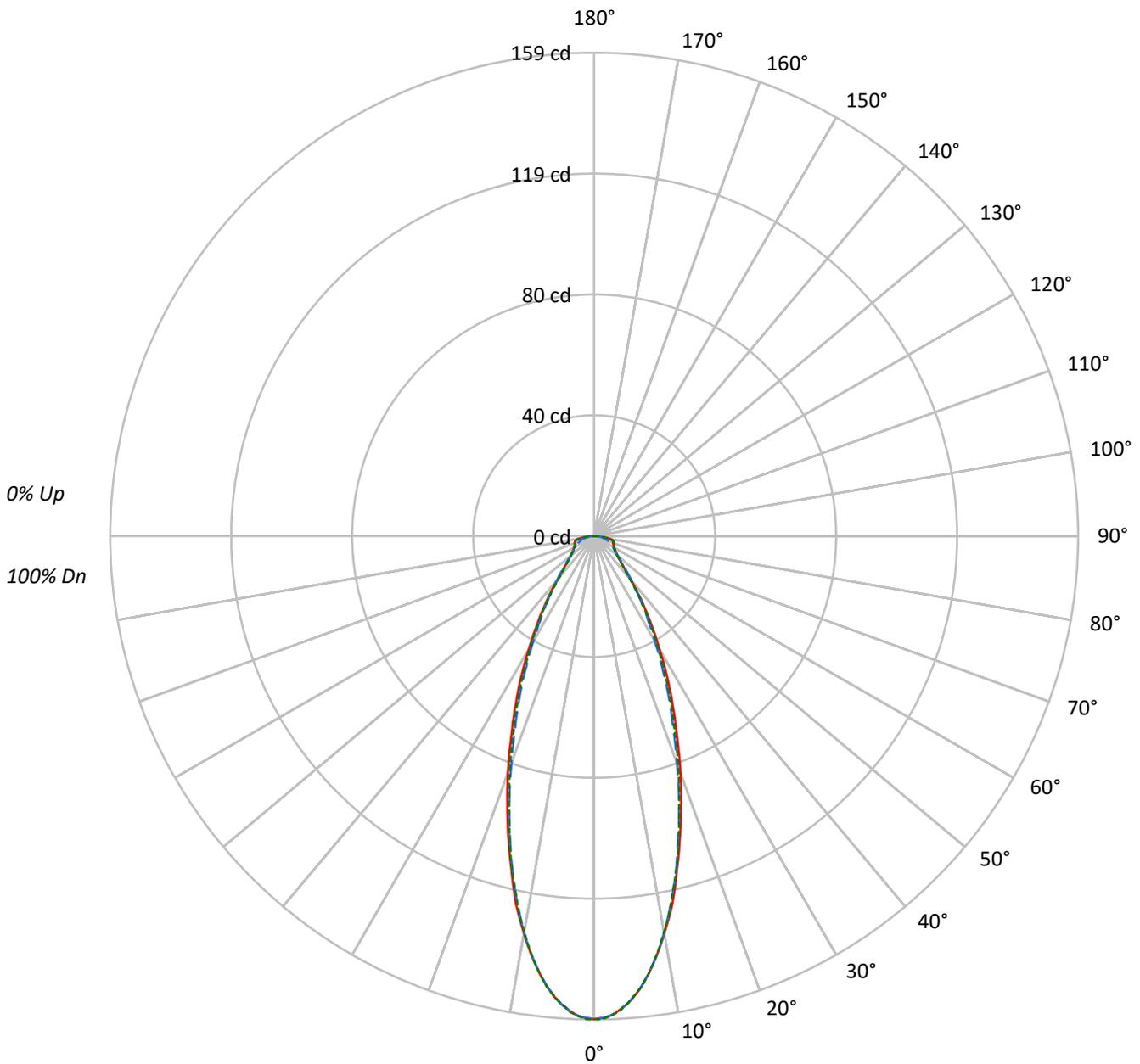
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 120.0 lumens
Efficiency: N/A
Efficacy: 33.3 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): 3.6
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

TEST NUMBER: P1319661
CATALOG NUMBER: LDSQA3D02R259840DE010 3LSQPHRLP1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1319661

CATALOG NUMBER: LDSQA3D02R259840DE010 3LSQPHRLP1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	27366	27366	27366
5°	26261	26226	26226
10°	23207	23172	23119
15°	19167	18900	19007
20°	15194	14552	14809
25°	11573	10946	11250
30°	8531	7915	8253
35°	6097	5824	5908
40°	4182	4272	4047
45°	3093	3288	3044
50°	2679	2679	2653
55°	2552	2462	2552
60°	2618	2411	2618
65°	2853	2486	2853
70°	3424	2467	3323
75°	4259	2662	4259
80°	5455	2777	5058
85°	4545	2569	4545

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 5455 cd/sqm



TEST NUMBER: P1319661

CATALOG NUMBER: LDSQA3D02R259840DE010 3LSQPHRLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.9	11.6
10°-20°	29.5	24.5
20°-30°	27.0	22.5
30°-40°	17.8	14.8
40°-50°	10.4	8.6
50°-60°	7.6	6.3
60°-70°	6.4	5.3
70°-80°	5.3	4.4
80°-90°	2.2	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°	70.3	58.6
0°-40°	88.1	73.4
0°-60°	106.1	88.4
0°-90°	120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	120.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	159	159	159	159	159	
5°	152	152	152	152	152	14
15°	108	107	106	106	107	30
25°	61	59	58	58	59	28
35°	29	28	28	28	28	18
45°	13	13	14	13	12	10
55°	8	8	8	8	8	8
65°	7	6	6	6	7	7
75°	6	5	4	5	6	7
85°	2	2	1	2	2	3
90°	0	0	0	0	0	



TEST NUMBER: P1319661

CATALOG NUMBER: LDSQA3D02R259840DE010 3LSQPHRLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	158.9	158.9	158.9	158.9	158.9
1°	158.5	158.5	158.5	158.5	158.9
2°	157.8	157.6	157.8	157.8	157.9
3°	156.2	156.2	156.2	156.2	156.6
4°	154.3	154.3	154.3	154.3	154.3
5°	151.9	151.7	151.7	151.9	151.7
6°	148.8	148.8	148.8	148.8	149.0
7°	145.4	145.2	145.2	145.0	145.4
8°	141.4	141.4	141.3	141.1	141.4
9°	137.3	137.5	137.1	136.9	136.9
10°	132.7	132.5	132.5	132.5	132.2
11°	128.2	127.6	127.4	127.4	127.8
12°	123.6	122.7	122.3	122.3	122.3
13°	118.1	117.7	117.2	116.8	117.0
14°	112.6	112.6	111.7	111.7	112.1
15°	107.5	107.1	106.0	106.4	106.6
17.5°	94.8	94.0	92.7	92.7	92.9
20°	82.9	81.5	79.4	80.4	80.8
22.5°	71.1	69.8	67.7	68.6	69.0
25°	60.9	59.2	57.6	57.8	59.2
27.5°	51.6	49.7	48.2	48.7	49.5
30°	42.9	41.7	39.8	40.8	41.5
32.5°	35.5	34.5	33.2	33.7	34.5
35°	29.0	28.4	27.7	27.7	28.1
37.5°	23.5	23.3	22.9	22.8	22.6
40°	18.6	19.0	19.0	18.6	18.0
42.5°	15.2	15.5	15.9	15.2	14.6
45°	12.7	13.1	13.5	12.7	12.5
47.5°	11.2	11.4	11.6	11.2	11.0
50°	10.0	10.0	10.0	9.9	9.9
52.5°	9.3	9.1	8.9	9.1	9.1
55°	8.5	8.5	8.2	8.3	8.5
57.5°	8.0	7.8	7.6	7.8	8.0
60°	7.6	7.2	7.0	7.2	7.6
62.5°	7.2	6.8	6.4	6.8	7.2
65°	7.0	6.4	6.1	6.4	7.0
67.5°	6.8	6.1	5.5	6.1	6.8
70°	6.8	5.7	4.9	5.7	6.6
72.5°	6.6	5.3	4.6	5.3	6.6
75°	6.4	4.9	4.0	4.9	6.4
77.5°	6.3	4.6	3.4	4.6	6.1
80°	5.5	4.2	2.8	4.2	5.1
82.5°	4.0	3.4	2.3	3.4	3.8
85°	2.3	2.5	1.3	2.5	2.3
87.5°	0.4	0.6	0.4	0.9	0.8



TEST NUMBER: P1319661
CATALOG NUMBER: LDSQA3D02R259840DE010 3LSQPHRLP1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)