

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: P1316186

Luminaire Tested: LDSQA3D02R709740DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316186
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R709740DE010 3LSQCLDWWR1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , 3LSQCLDWWR1MW TR
Light Source: -
Ballast/Driver: -

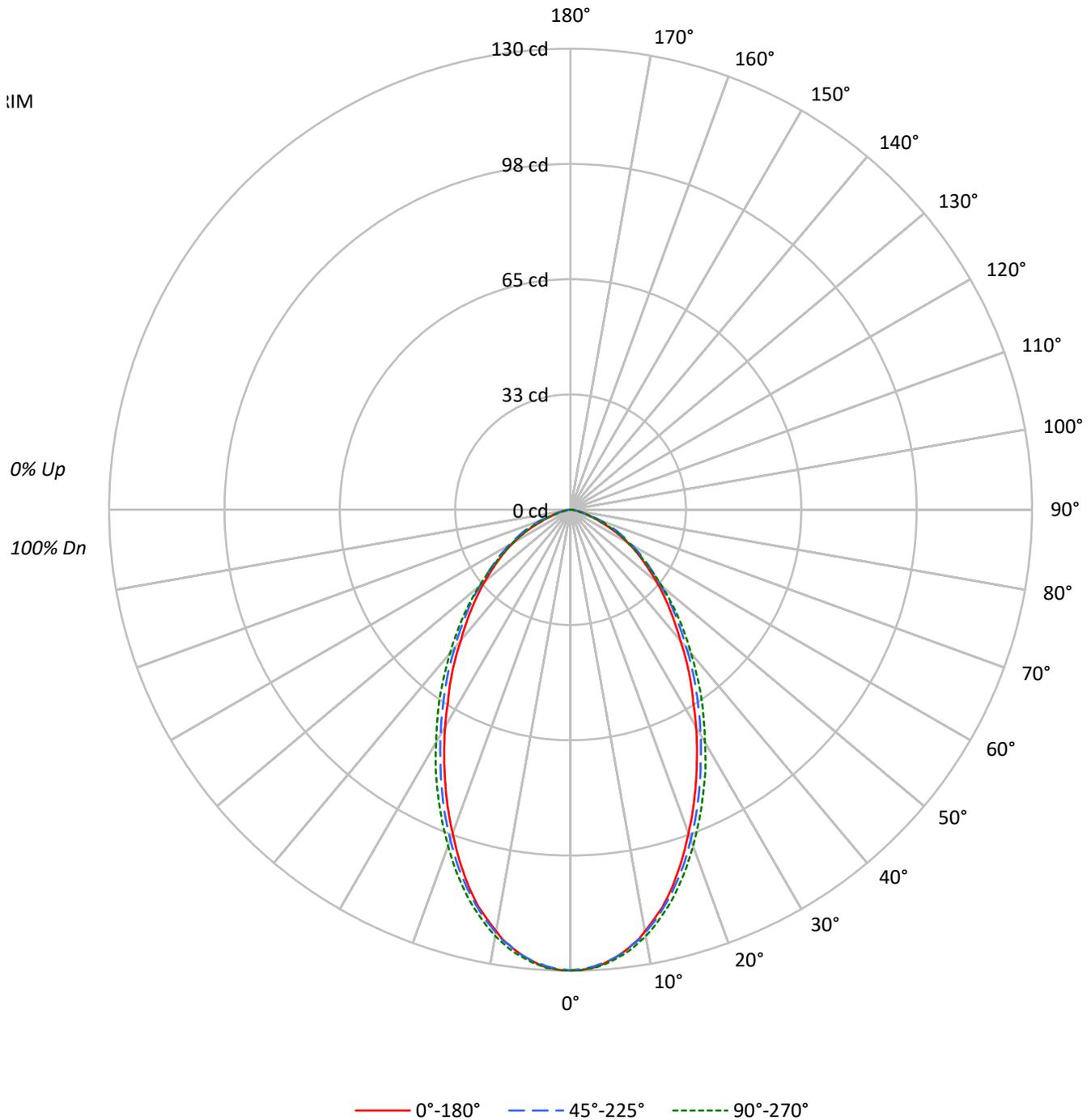
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 195.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
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: P1316186
CATALOG NUMBER: LDSQA3D02R709740DE010 3LSQCLDWWR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1316186

CATALOG NUMBER: LDSQA3D02R709740DE010 3LSQCLDWWR1MW

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	98	96	97	95	93	94	92	91	91	91	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	80	80	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	70	70	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	62	62	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	56	56	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	51	51	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	46	46	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	42	42	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	39	39	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	36	36	36	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	22372	22372	22372
5°	22042	22042	22129
10°	21108	21178	21353
15°	19666	19827	20094
20°	17796	18144	18492
25°	15905	16342	16798
30°	14060	14577	15054
35°	12383	12930	13477
40°	10814	11398	11871
45°	9596	10108	10449
50°	8467	8895	9029
55°	7416	7867	7657
60°	6407	6889	6579
65°	5094	5950	5379
70°	3676	4633	4028
75°	2795	2994	2529
80°	1884	1884	1389
85°	988	988	988

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 10449 cd/sqm



TEST NUMBER: P1316186

CATALOG NUMBER: LDSQA3D02R709740DE010 3LSQCLDWWR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	6.1
10°-20°	31.1	15.9
20°-30°	39.5	20.3
30°-40°	38.4	19.7
40°-50°	31.9	16.4
50°-60°	23.0	11.8
60°-70°	13.5	6.9
70°-80°	4.8	2.5
80°-90°	0.7	0.4
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°	82.5	42.3
0°-40°	121.0	62.0
0°-60°	176.0	90.2
0°-90°	195.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	195.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	130	130	130	130	130	
5°	128	127	128	128	128	12
15°	110	110	111	112	113	31
25°	84	85	86	88	88	38
35°	59	60	62	63	64	37
45°	39	40	42	42	43	30
55°	25	26	26	26	26	22
65°	12	13	15	14	13	12
75°	4	4	4	4	4	5
85°	0	0	0	0	0	1
90°	0	0	0	0	0	



TEST NUMBER: P1316186

CATALOG NUMBER: LDSQA3D02R709740DE010 3LSQCLDWWR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	129.9	129.9	129.9	129.9	129.9
1°	129.9	129.6	129.6	129.6	129.9
2°	129.6	129.4	129.4	129.4	129.6
3°	129.2	128.9	128.9	128.9	129.4
4°	128.5	128.0	128.2	128.2	128.7
5°	127.5	127.3	127.5	127.5	128.0
6°	126.6	126.3	126.6	126.6	127.0
7°	125.4	125.2	125.4	125.6	126.1
8°	124.0	123.7	124.0	124.2	124.9
9°	122.6	122.3	122.8	123.0	123.5
10°	120.7	120.7	121.1	121.4	122.1
11°	118.8	118.8	119.3	119.7	120.4
12°	116.9	116.9	117.6	118.1	118.6
13°	115.0	114.8	115.5	116.0	116.7
14°	112.7	112.4	113.4	114.1	114.8
15°	110.3	110.3	111.2	112.0	112.7
17.5°	103.9	104.2	105.4	106.3	107.0
20°	97.1	97.8	99.0	100.2	100.9
22.5°	90.5	91.0	92.6	94.0	94.7
25°	83.7	84.6	86.0	87.7	88.4
27.5°	77.1	78.0	79.4	81.1	82.3
30°	70.7	71.4	73.3	75.0	75.7
32.5°	64.3	65.3	67.2	68.8	69.8
35°	58.9	59.6	61.5	63.2	64.1
37.5°	53.5	54.2	56.1	57.5	58.2
40°	48.1	49.3	50.7	52.1	52.8
42.5°	43.6	44.5	46.0	47.1	47.8
45°	39.4	40.1	41.5	42.4	42.9
47.5°	35.4	36.1	37.5	37.9	38.2
50°	31.6	32.3	33.2	33.5	33.7
52.5°	28.0	28.5	29.5	29.5	29.2
55°	24.7	25.5	26.2	25.9	25.5
57.5°	21.7	21.9	23.1	22.6	22.2
60°	18.6	19.1	20.0	19.6	19.1
62.5°	15.6	16.0	17.2	16.7	16.0
65°	12.5	13.4	14.6	13.9	13.2
67.5°	9.4	10.6	11.8	11.1	10.6
70°	7.3	8.2	9.2	8.5	8.0
72.5°	5.7	6.1	6.6	6.1	5.7
75°	4.2	4.5	4.5	4.0	3.8
77.5°	3.1	3.3	2.8	2.4	2.4
80°	1.9	2.1	1.9	1.4	1.4
82.5°	0.9	1.2	0.9	0.9	0.9
85°	0.5	0.5	0.5	0.5	0.5
87.5°	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P1316186
CATALOG NUMBER: LDSQA3D02R709740DE010 3LSQCLDWWR1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)