

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: P1311073

Luminaire Tested: LDSQA3D02R709040DE010 3LSQCLDWWR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311073
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R709040DE010 3LSQCLDWWR1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , 3LSQCLDWWR1MB TRI
Light Source: -
Ballast/Driver: -

Summary

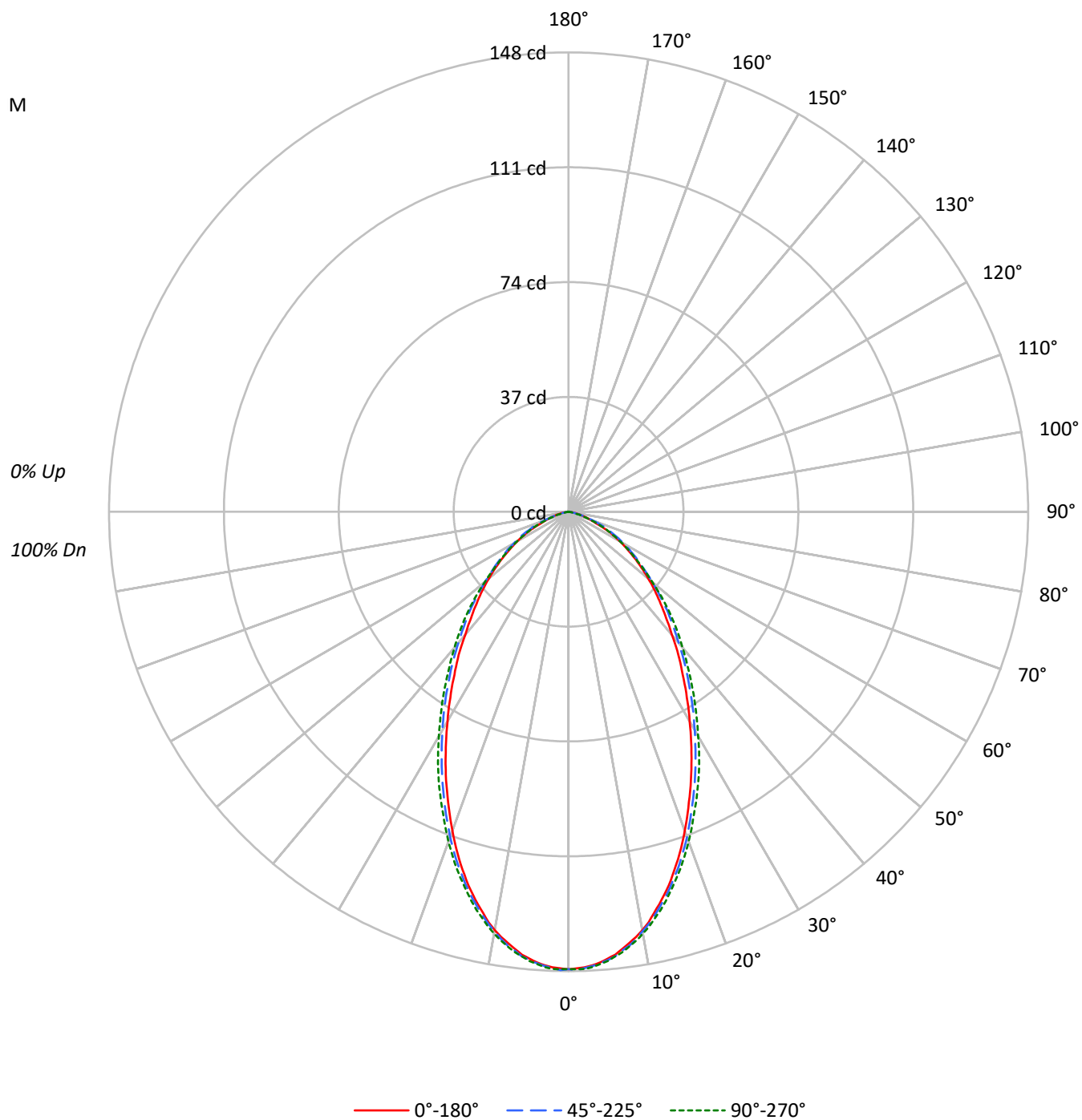
Lumens per Lamp: N/A
Luminaire Lumens: 211.0 lumens
Efficiency: N/A
Efficacy: 58.6 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1311073

CATALOG NUMBER: LDSQA3D02R709040DE010 3LSQCLDWWR1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1311073

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	108	104	102	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	69	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	25386	25386	25386
5°	24981	25068	25120
10°	23941	23993	24133
15°	22216	22412	22590
20°	20050	20435	20728
25°	17767	18262	18699
30°	15512	16148	16605
35°	13477	14192	14633
40°	11646	12410	12837
45°	10205	10911	11228
50°	8976	9404	9404
55°	7777	8167	7927
60°	6579	7027	6682
65°	5135	5868	5338
70°	3676	4330	3676
75°	2795	2595	2063
80°	1785	1289	496
85°	593	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 11228 cd/sqm

TEST NUMBER: P1311073

CATALOG NUMBER: LDSQA3D02R709040DE010 3LSQCLDWWR1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.6	6.4
10°-20°	35.1	16.6
20°-30°	44.0	20.9
30°-40°	42.1	19.9
40°-50°	34.2	16.2
50°-60°	23.9	11.3
60°-70°	13.5	6.4
70°-80°	4.3	2.0
80°-90°	0.3	0.2
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°	92.7	43.9
0°-40°	134.8	63.9
0°-60°	192.9	91.4
0°-90°	211.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	211.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	147	147	147	147	147	
5°	144	145	145	145	145	14
15°	125	125	126	126	127	35
25°	94	94	96	98	98	43
35°	64	65	68	69	70	40
45°	42	43	45	46	46	32
55°	26	26	27	27	26	23
65°	13	13	14	14	13	13
75°	4	4	4	3	3	5
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

TEST NUMBER: P1311073

CATALOG NUMBER: LDSQA3D02R709040DE010 3LSQCLDWWR1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	147.4	147.4	147.4	147.4	147.4
1°	147.1	147.4	147.7	147.1	147.4
2°	146.9	147.1	147.1	146.9	147.4
3°	146.3	146.6	146.6	146.3	146.9
4°	145.6	145.8	145.8	145.6	146.1
5°	144.5	144.8	145.0	144.8	145.3
6°	143.5	143.7	144.0	143.7	144.0
7°	141.9	142.4	142.4	142.4	142.9
8°	140.3	140.8	141.1	140.8	141.4
9°	138.7	139.0	139.3	139.3	139.8
10°	136.9	137.2	137.2	137.4	138.0
11°	134.8	134.8	135.3	135.3	136.1
12°	132.2	132.5	133.0	133.3	133.8
13°	129.8	130.1	130.6	130.9	131.7
14°	127.2	127.8	128.3	128.5	129.3
15°	124.6	124.9	125.7	125.9	126.7
17.5°	117.3	117.5	118.9	119.4	120.2
20°	109.4	110.2	111.5	112.3	113.1
22.5°	101.3	102.1	103.7	105.0	105.5
25°	93.5	94.5	96.1	97.6	98.4
27.5°	85.6	86.7	88.5	90.1	91.1
30°	78.0	79.1	81.2	82.5	83.5
32.5°	70.9	72.0	74.3	75.7	76.4
35°	64.1	65.2	67.5	68.9	69.6
37.5°	58.1	59.2	61.3	62.6	63.1
40°	51.8	53.1	55.2	56.5	57.1
42.5°	46.6	47.6	49.7	50.8	51.6
45°	41.9	42.9	44.8	45.6	46.1
47.5°	37.7	38.2	39.8	40.1	40.6
50°	33.5	34.0	35.1	35.3	35.1
52.5°	29.6	30.1	30.9	30.6	30.6
55°	25.9	26.2	27.2	26.7	26.4
57.5°	22.3	22.8	23.8	23.0	22.8
60°	19.1	19.6	20.4	19.9	19.4
62.5°	16.0	16.2	17.5	16.5	16.0
65°	12.6	13.4	14.4	13.6	13.1
67.5°	9.4	10.7	11.8	10.7	10.2
70°	7.3	7.9	8.6	8.1	7.3
72.5°	5.5	5.8	6.0	5.5	5.0
75°	4.2	4.2	3.9	3.4	3.1
77.5°	2.9	2.9	2.4	1.6	1.6
80°	1.8	1.8	1.3	0.5	0.5
82.5°	0.8	0.8	0.5	0.3	0.3
85°	0.3	0.3	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1311073

CATALOG NUMBER: LDSQA3D02R709040DE010 3LSQCLDWWR1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)