

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: P1311075

Luminaire Tested: LDSQA3D02R709040DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1311075  
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: LDSQA3D02R709040DE010 3LSQCLDWWR1MW  
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , 3LSQCLDWWR1MW TR  
Light Source: -  
Ballast/Driver: -

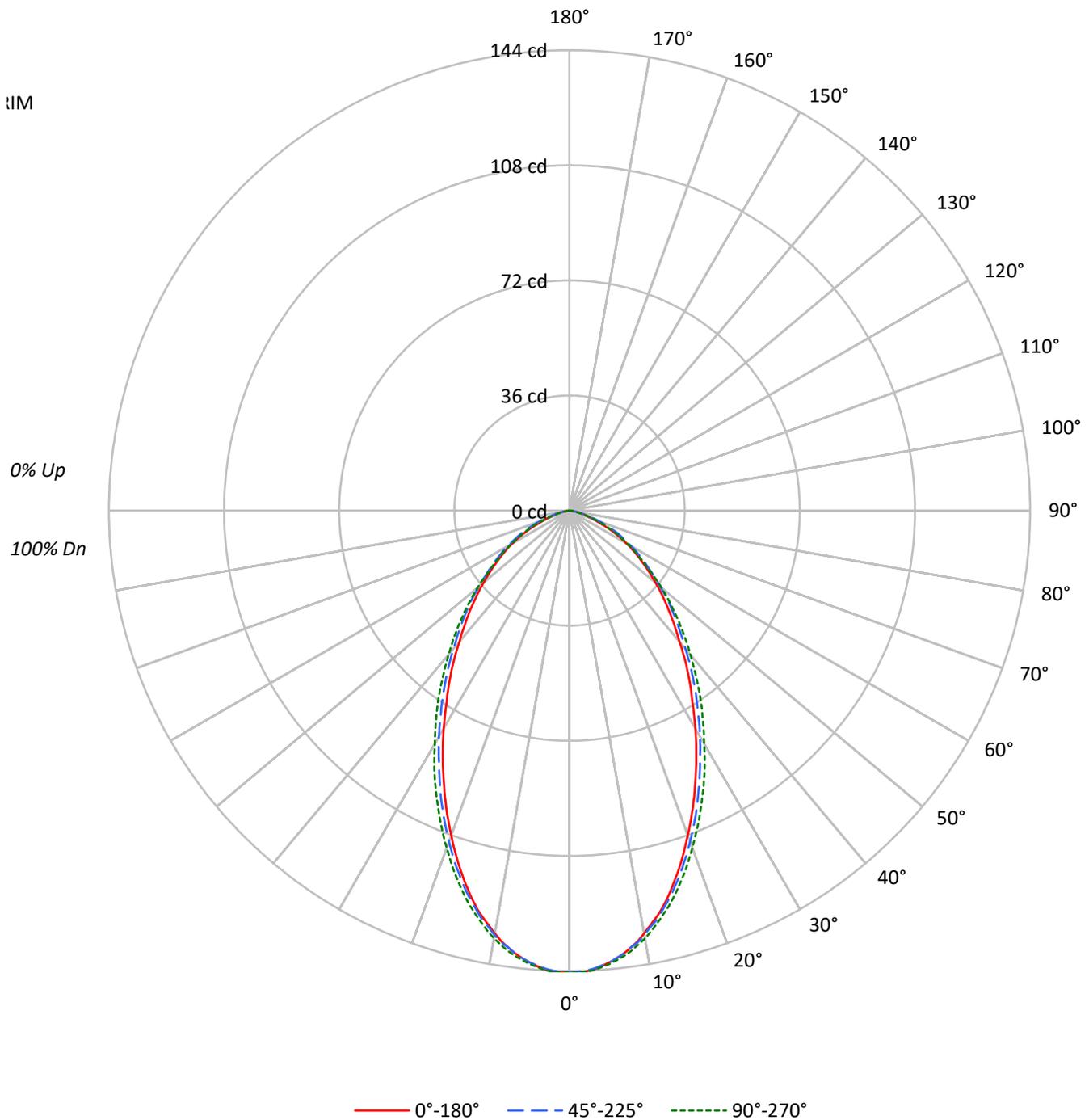
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 217.0 lumens  
Efficiency: N/A  
Efficacy: 60.3 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

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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	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°	24886	24886	24886
5°	24532	24532	24618
10°	23486	23574	23766
15°	21877	22073	22359
20°	19812	20197	20582
25°	17691	18186	18699
30°	15651	16227	16744
35°	13792	14402	14990
40°	12028	12680	13219
45°	10668	11252	11618
50°	9404	9913	10047
55°	8257	8738	8497
60°	7130	7681	7302
65°	5664	6642	5990
70°	4079	5136	4482
75°	3127	3327	2795
80°	2083	2083	1587
85°	988	988	988

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 11618 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.3	6.1
10°-20°	34.6	15.9
20°-30°	43.9	20.3
30°-40°	42.8	19.7
40°-50°	35.5	16.4
50°-60°	25.6	11.8
60°-70°	15.1	6.9
70°-80°	5.3	2.5
80°-90°	0.8	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°	91.9	42.3
0°-40°	134.6	62.0
0°-60°	195.8	90.2
0°-90°	217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	217.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	144	144	144	144	144	
5°	142	142	142	142	142	13
15°	123	123	124	125	125	34
25°	93	94	96	98	98	43
35°	66	66	68	70	71	41
45°	44	45	46	47	48	34
55°	28	28	29	29	28	25
65°	14	15	16	16	15	14
75°	5	5	5	4	4	5
85°	0	0	0	0	0	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	144.5	144.5	144.5	144.5	144.5
1°	144.5	144.3	144.3	144.3	144.5
2°	144.3	144.0	144.0	144.0	144.3
3°	143.7	143.5	143.5	143.5	144.0
4°	142.9	142.4	142.7	142.7	143.2
5°	141.9	141.6	141.9	141.9	142.4
6°	140.8	140.6	140.8	140.8	141.4
7°	139.5	139.3	139.5	139.8	140.3
8°	138.0	137.7	138.0	138.2	139.0
9°	136.4	136.1	136.7	136.9	137.4
10°	134.3	134.3	134.8	135.1	135.9
11°	132.2	132.2	132.7	133.2	134.0
12°	130.1	130.1	130.9	131.4	131.9
13°	128.0	127.7	128.5	129.0	129.8
14°	125.4	125.1	126.2	126.9	127.7
15°	122.7	122.7	123.8	124.6	125.4
17.5°	115.7	115.9	117.2	118.3	119.1
20°	108.1	108.8	110.2	111.5	112.3
22.5°	100.7	101.2	103.1	104.7	105.4
25°	93.1	94.2	95.7	97.6	98.4
27.5°	85.8	86.8	88.4	90.2	91.5
30°	78.7	79.5	81.6	83.4	84.2
32.5°	71.6	72.7	74.8	76.6	77.6
35°	65.6	66.4	68.5	70.3	71.3
37.5°	59.5	60.3	62.4	64.0	64.8
40°	53.5	54.8	56.4	58.0	58.8
42.5°	48.5	49.6	51.1	52.5	53.2
45°	43.8	44.6	46.2	47.2	47.7
47.5°	39.3	40.1	41.7	42.2	42.5
50°	35.1	35.9	37.0	37.2	37.5
52.5°	31.2	31.7	32.8	32.8	32.5
55°	27.5	28.3	29.1	28.9	28.3
57.5°	24.1	24.4	25.7	25.2	24.7
60°	20.7	21.2	22.3	21.8	21.2
62.5°	17.3	17.8	19.1	18.6	17.8
65°	13.9	15.0	16.3	15.5	14.7
67.5°	10.5	11.8	13.1	12.3	11.8
70°	8.1	9.2	10.2	9.4	8.9
72.5°	6.3	6.8	7.3	6.8	6.3
75°	4.7	5.0	5.0	4.5	4.2
77.5°	3.4	3.7	3.1	2.6	2.6
80°	2.1	2.4	2.1	1.6	1.6
82.5°	1.0	1.3	1.0	1.0	1.0
85°	0.5	0.5	0.5	0.5	0.5
87.5°	0.3	0.3	0.3	0.3	0.3



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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)