

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: P1310123

Luminaire Tested: LDSQA3D05R709035DE010 3LSQCLDWWR1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1310123  
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: LDSQA3D05R709035DE010 3LSQCLDWWR1MB  
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , 3LSQCLDWWR1MB TRI  
Light Source: -  
Ballast/Driver: -

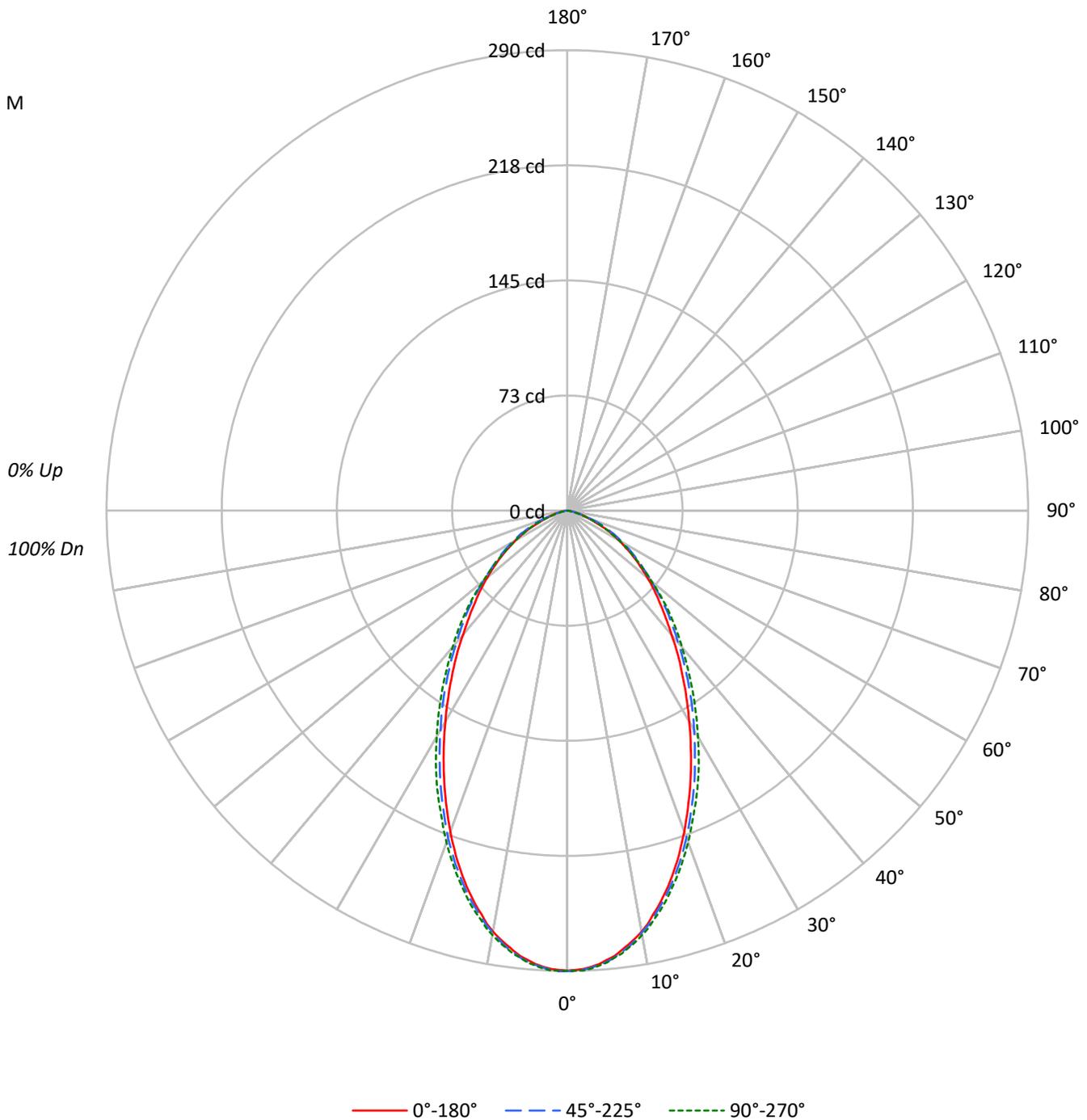
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 415.0 lumens  
Efficiency: N/A  
Efficacy: 57.6 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): 7.2  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	49927	49927	49927
5°	49133	49323	49409
10°	47095	47182	47462
15°	43701	44075	44432
20°	39441	40192	40760
25°	34927	35915	36789
30°	30506	31739	32674
35°	26533	27921	28804
40°	22909	24416	25225
45°	20069	21433	22066
50°	17657	18487	18487
55°	15313	16064	15614
60°	12951	13847	13123
65°	10066	11533	10473
70°	7251	8560	7251
75°	5456	5124	4126
80°	3570	2579	992
85°	988	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 22066 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	26.7	6.4
10°-20°	69.0	16.6
20°-30°	86.6	20.9
30°-40°	82.7	19.9
40°-50°	67.2	16.2
50°-60°	47.1	11.3
60°-70°	26.6	6.4
70°-80°	8.4	2.0
80°-90°	0.6	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°	182.3	43.9
0°-40°	265.0	63.9
0°-60°	379.3	91.4
0°-90°	415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	415.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	290	290	290	290	290	
5°	284	285	285	285	286	27
15°	245	246	247	248	249	68
25°	184	186	189	192	194	84
35°	126	128	133	135	137	79
45°	82	84	88	90	91	64
55°	51	52	54	52	52	46
65°	25	26	28	27	26	25
75°	8	8	8	7	6	9
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°	289.9	289.9	289.9	289.9	289.9
1°	289.4	289.9	290.4	289.4	289.9
2°	288.9	289.4	289.4	288.9	289.9
3°	287.8	288.3	288.3	287.8	288.9
4°	286.3	286.8	286.8	286.3	287.3
5°	284.2	284.7	285.3	284.7	285.8
6°	282.2	282.7	283.2	282.7	283.2
7°	279.1	280.1	280.1	280.1	281.1
8°	276.0	277.0	277.5	277.0	278.0
9°	272.9	273.4	273.9	273.9	275.0
10°	269.3	269.8	269.8	270.3	271.4
11°	265.2	265.2	266.2	266.2	267.7
12°	260.0	260.5	261.6	262.1	263.1
13°	255.4	255.9	256.9	257.4	259.0
14°	250.2	251.3	252.3	252.8	254.4
15°	245.1	245.6	247.2	247.7	249.2
17.5°	230.7	231.2	233.8	234.8	236.3
20°	215.2	216.8	219.3	220.9	222.4
22.5°	199.3	200.8	203.9	206.5	207.5
25°	183.8	185.9	189.0	192.1	193.6
27.5°	168.4	170.4	174.0	177.1	179.2
30°	153.4	155.5	159.6	162.2	164.3
32.5°	139.5	141.6	146.2	148.8	150.4
35°	126.2	128.2	132.8	135.4	137.0
37.5°	114.3	116.4	120.5	123.1	124.1
40°	101.9	104.5	108.6	111.2	112.2
42.5°	91.7	93.7	97.8	99.9	101.4
45°	82.4	84.4	88.0	89.6	90.6
47.5°	74.1	75.2	78.3	78.8	79.8
50°	65.9	66.9	69.0	69.5	69.0
52.5°	58.2	59.2	60.8	60.2	60.2
55°	51.0	51.5	53.5	52.5	52.0
57.5°	43.8	44.8	46.9	45.3	44.8
60°	37.6	38.6	40.2	39.1	38.1
62.5°	31.4	31.9	34.5	32.4	31.4
65°	24.7	26.3	28.3	26.8	25.7
67.5°	18.5	21.1	23.2	21.1	20.1
70°	14.4	15.4	17.0	16.0	14.4
72.5°	10.8	11.3	11.8	10.8	9.8
75°	8.2	8.2	7.7	6.7	6.2
77.5°	5.7	5.7	4.6	3.1	3.1
80°	3.6	3.6	2.6	1.0	1.0
82.5°	1.5	1.5	1.0	0.5	0.5
85°	0.5	0.5	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)