

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: P1319902

Luminaire Tested: LDSQA3D05R709840DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319902  
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: LDSQA3D05R709840DE010 3LSQCLDWWR1MW  
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 98CRI , 3LSQCLDWWR1MW TR  
Light Source: -  
Ballast/Driver: -

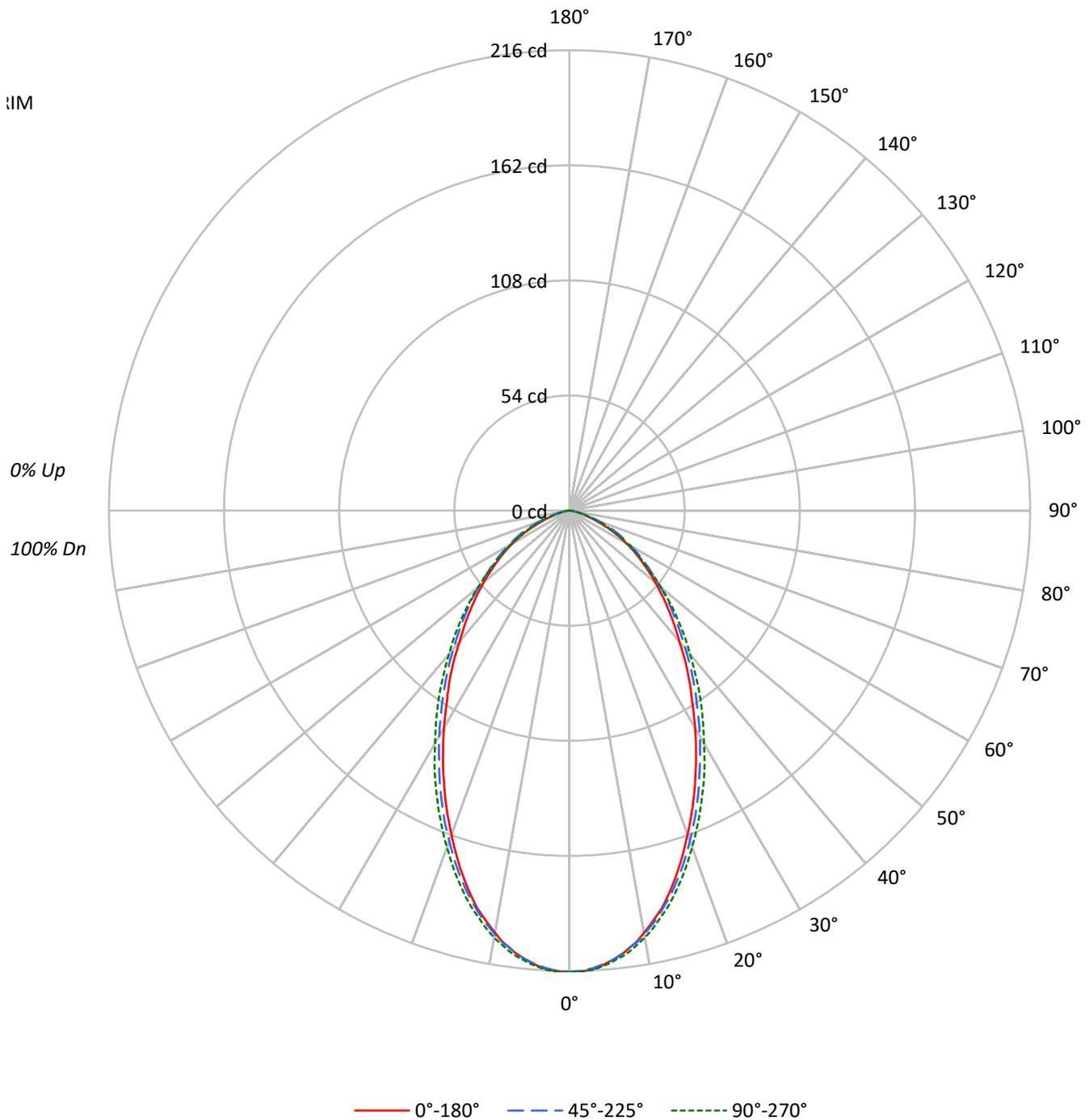
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 325.0 lumens  
Efficiency: N/A  
Efficacy: 45.1 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): 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	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34

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

	0°	45°	90°
0°	37269	37269	37269
5°	36737	36737	36875
10°	35168	35308	35588
15°	32771	33056	33484
20°	29654	30240	30809
25°	26509	27250	27991
30°	23426	24301	25077
35°	20646	21550	22454
40°	18008	18997	19784
45°	15978	16830	17415
50°	14093	14843	15058
55°	12371	13091	12731
60°	10678	11504	10953
65°	8476	9943	8965
70°	6143	7704	6748
75°	4724	4991	4192
80°	3075	3075	2380
85°	1581	1581	1581

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 17415 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	20.0	6.1
10°-20°	51.8	15.9
20°-30°	65.8	20.3
30°-40°	64.0	19.7
40°-50°	53.2	16.4
50°-60°	38.4	11.8
60°-70°	22.6	7.0
70°-80°	8.0	2.5
80°-90°	1.2	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°	137.6	42.3
0°-40°	201.6	62.0
0°-60°	293.2	90.2
0°-90°	325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	325.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	216	216	216	216	216	
5°	212	212	212	212	213	20
15°	184	184	185	187	188	51
25°	140	141	143	146	147	64
35°	98	99	102	105	107	61
45°	66	67	69	71	72	51
55°	41	42	44	43	42	37
65°	21	22	24	23	22	21
75°	7	8	8	7	6	8
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	216.4	216.4	216.4	216.4	216.4
1°	216.4	216.1	216.1	216.1	216.4
2°	216.1	215.7	215.7	215.7	216.1
3°	215.3	214.9	214.9	214.9	215.7
4°	214.1	213.3	213.7	213.7	214.5
5°	212.5	212.1	212.5	212.5	213.3
6°	210.9	210.6	210.9	210.9	211.7
7°	209.0	208.6	209.0	209.4	210.2
8°	206.6	206.2	206.6	207.0	208.2
9°	204.3	203.9	204.7	205.1	205.8
10°	201.1	201.1	201.9	202.3	203.5
11°	198.0	198.0	198.8	199.6	200.7
12°	194.8	194.8	196.0	196.8	197.6
13°	191.7	191.3	192.5	193.3	194.4
14°	187.8	187.4	188.9	190.1	191.3
15°	183.8	183.8	185.4	186.6	187.8
17.5°	173.2	173.6	175.6	177.2	178.3
20°	161.8	163.0	165.0	167.0	168.1
22.5°	150.8	151.6	154.4	156.7	157.9
25°	139.5	141.0	143.4	146.1	147.3
27.5°	128.5	130.0	132.4	135.1	137.1
30°	117.8	119.0	122.2	124.9	126.1
32.5°	107.2	108.8	112.0	114.7	116.3
35°	98.2	99.4	102.5	105.3	106.8
37.5°	89.2	90.3	93.5	95.8	97.0
40°	80.1	82.1	84.5	86.8	88.0
42.5°	72.7	74.2	76.6	78.6	79.7
45°	65.6	66.8	69.1	70.7	71.5
47.5°	58.9	60.1	62.5	63.2	63.6
50°	52.6	53.8	55.4	55.8	56.2
52.5°	46.7	47.5	49.1	49.1	48.7
55°	41.2	42.4	43.6	43.2	42.4
57.5°	36.1	36.5	38.5	37.7	36.9
60°	31.0	31.8	33.4	32.6	31.8
62.5°	25.9	26.7	28.7	27.9	26.7
65°	20.8	22.4	24.4	23.2	22.0
67.5°	15.7	17.7	19.6	18.5	17.7
70°	12.2	13.7	15.3	14.1	13.4
72.5°	9.4	10.2	11.0	10.2	9.4
75°	7.1	7.5	7.5	6.7	6.3
77.5°	5.1	5.5	4.7	3.9	3.9
80°	3.1	3.5	3.1	2.4	2.4
82.5°	1.6	2.0	1.6	1.6	1.6
85°	0.8	0.8	0.8	0.8	0.8
87.5°	0.4	0.4	0.4	0.4	0.4



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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)