

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: P1319369

Luminaire Tested: LDSQA3D17R259835DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319369  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R259835DE010 3LSQPHRLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

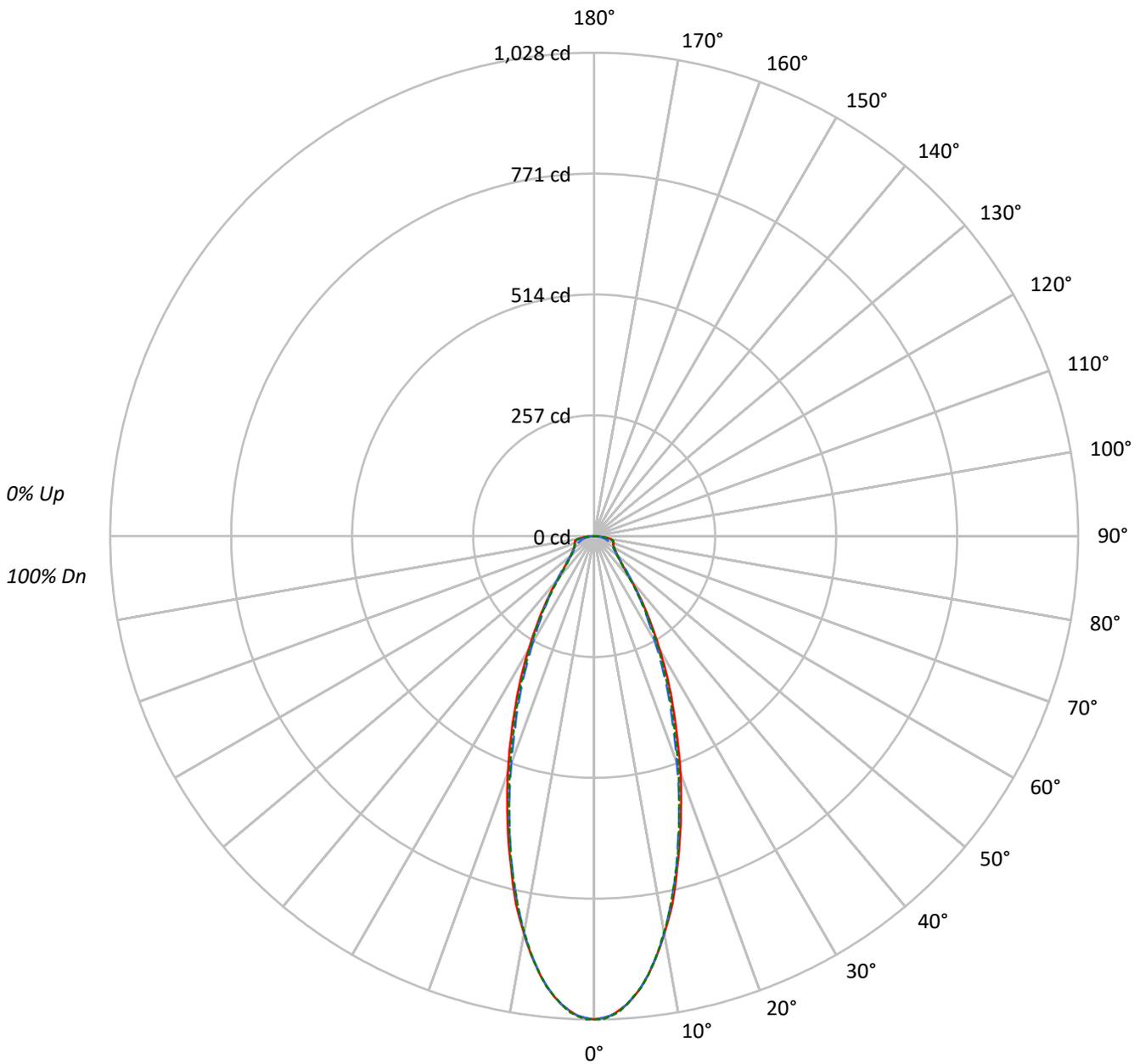
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 776.0 lumens  
Efficiency: N/A  
Efficacy: 38.0 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 20.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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



0% Up  
100% Dn

— 0°-180°    - - 45°-225°    - · - · 90°-270°



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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	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	81	81	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	74	74	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	63	63	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	58	58	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	54	54	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	51	51	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	45	45	45	44

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

	0°	45°	90°
0°	176959	176959	176959
5°	169786	169578	169578
10°	150099	149889	149452
15°	123953	122205	122865
20°	98199	94149	95725
25°	74794	70823	72685
30°	55106	51208	53395
35°	39442	37634	38159
40°	27023	27563	26192
45°	19996	21214	19704
50°	17416	17416	17094
55°	16574	15824	16574
60°	16878	15638	16878
65°	18501	15975	18501
70°	22206	16063	21602
75°	27748	17101	27748
80°	35308	18249	32828
85°	29048	16994	29048

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 35308 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.7	11.6
10°-20°	190.5	24.6
20°-30°	174.6	22.5
30°-40°	115.1	14.8
40°-50°	67.0	8.6
50°-60°	49.0	6.3
60°-70°	41.6	5.4
70°-80°	34.4	4.4
80°-90°	14.2	1.8
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°	454.7	58.6
0°-40°	569.9	73.4
0°-60°	685.9	88.4
0°-90°	776.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	776.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1028	1028	1028	1028	1028	
5°	982	981	981	982	981	90
15°	695	693	685	688	689	193
25°	394	382	373	374	382	181
35°	188	184	179	179	182	119
45°	82	85	87	82	81	66
55°	55	55	53	54	55	50
65°	45	42	39	42	45	45
75°	42	32	26	32	42	44
85°	15	16	9	16	15	17
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1027.5	1027.5	1027.5	1027.5	1027.5
1°	1025.0	1025.0	1025.0	1025.0	1027.5
2°	1020.1	1018.9	1020.1	1020.1	1021.4
3°	1010.3	1010.3	1010.3	1010.3	1012.8
4°	998.1	998.1	998.1	998.1	998.1
5°	982.1	980.9	980.9	982.1	980.9
6°	962.5	962.5	962.5	962.5	963.7
7°	940.4	939.2	939.2	938.0	940.4
8°	914.7	914.7	913.5	912.2	914.7
9°	887.7	888.9	886.5	885.3	885.3
10°	858.3	857.1	857.1	857.1	854.6
11°	828.9	825.2	823.9	823.9	826.4
12°	799.4	793.3	790.8	790.8	790.8
13°	763.9	761.4	757.7	755.3	756.5
14°	728.3	728.3	722.2	722.2	724.6
15°	695.2	692.8	685.4	687.8	689.1
17.5°	613.1	608.2	599.6	599.6	600.8
20°	535.8	527.2	513.7	519.9	522.3
22.5°	459.8	451.2	437.7	443.9	446.3
25°	393.6	382.5	372.7	374.0	382.5
27.5°	333.5	321.2	311.4	315.1	320.0
30°	277.1	269.7	257.5	263.6	268.5
32.5°	229.3	223.2	214.6	218.2	223.2
35°	187.6	183.9	179.0	179.0	181.5
37.5°	152.0	150.8	148.4	147.1	145.9
40°	120.2	122.6	122.6	120.2	116.5
42.5°	98.1	100.5	103.0	98.1	94.4
45°	82.1	84.6	87.1	82.1	80.9
47.5°	72.3	73.6	74.8	72.3	71.1
50°	65.0	65.0	65.0	63.8	63.8
52.5°	60.1	58.9	57.6	58.9	58.9
55°	55.2	55.2	52.7	53.9	55.2
57.5°	51.5	50.3	49.0	50.3	51.5
60°	49.0	46.6	45.4	46.6	49.0
62.5°	46.6	44.1	41.7	44.1	46.6
65°	45.4	41.7	39.2	41.7	45.4
67.5°	44.1	39.2	35.6	39.2	44.1
70°	44.1	36.8	31.9	36.8	42.9
72.5°	42.9	34.3	29.4	34.3	42.9
75°	41.7	31.9	25.7	31.9	41.7
77.5°	40.5	29.4	22.1	29.4	39.2
80°	35.6	27.0	18.4	27.0	33.1
82.5°	25.7	22.1	14.7	22.1	24.5
85°	14.7	15.9	8.6	15.9	14.7
87.5°	2.5	3.7	2.5	6.1	4.9



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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)