

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: P1315646

Luminaire Tested: LDSQA3D13R359735DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1315646  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R359735DE010 3LSQPHRLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , 3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

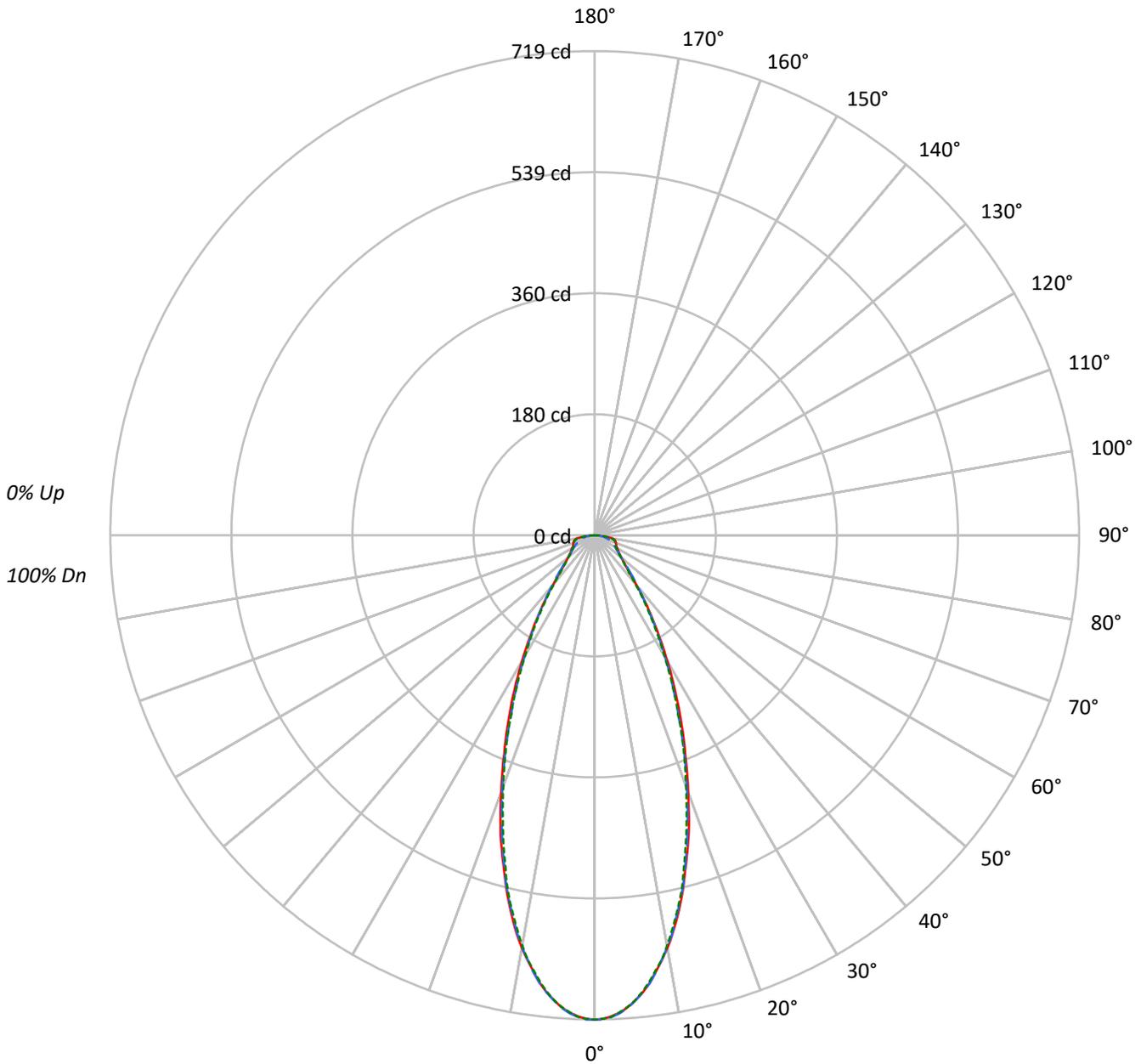
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 595.0 lumens  
Efficiency: N/A  
Efficacy: 40.8 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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

TEST NUMBER: P1315646  
CATALOG NUMBER: LDSQA3D13R359735DE010 3LSQPHRLP1MW

### Luminous Intensity Polar Plot



0% Up  
100% Dn

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



TEST NUMBER: P1315646

CATALOG NUMBER: LDSQA3D13R359735DE010 3LSQPHRLP1MW

**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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	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	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	43

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

	0°	45°	90°
0°	123845	123845	123845
5°	119789	119944	119789
10°	108810	108653	108180
15°	92376	92055	91235
20°	74373	73365	72705
25°	57483	55773	55773
30°	42875	41424	41066
35°	30843	30465	29708
40°	21583	22190	20773
45°	16099	16976	15661
50°	13825	13825	13584
55°	13061	12521	12791
60°	13399	12159	12779
65°	14385	12185	14018
70°	16869	12790	16416
75°	21094	13242	20495
80°	26977	14381	24299
85°	21539	14227	21539

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 26977 cd/sqm



TEST NUMBER: P1315646

CATALOG NUMBER: LDSQA3D13R359735DE010 3LSQPHRLP1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.9	10.7
10°-20°	142.5	24.0
20°-30°	136.1	22.9
30°-40°	91.4	15.4
40°-50°	53.7	9.0
50°-60°	38.4	6.5
60°-70°	32.0	5.4
70°-80°	26.2	4.4
80°-90°	10.8	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°	342.5	57.6
0°-40°	434.0	72.9
0°-60°	526.0	88.4
0°-90°	595.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	595.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	719	719	719	719	719	
5°	693	695	694	693	693	64
15°	518	519	516	513	512	144
25°	302	299	294	294	294	139
35°	147	147	145	142	141	93
45°	66	68	70	66	64	53
55°	44	43	42	42	43	40
65°	35	32	30	32	34	35
75°	32	24	20	24	31	33
85°	11	12	7	12	11	12
90°	0	0	0	0	0	



TEST NUMBER: P1315646

CATALOG NUMBER: LDSQA3D13R359735DE010 3LSQPHRLP1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	719.1	719.1	719.1	719.1	719.1
1°	718.2	719.1	719.1	718.2	718.2
2°	714.6	716.4	715.5	714.6	715.5
3°	710.1	711.9	711.0	710.1	709.2
4°	702.8	704.7	703.7	701.9	701.9
5°	692.9	694.7	693.8	692.9	692.9
6°	682.9	684.7	682.9	681.1	681.1
7°	669.3	672.0	670.2	668.4	667.5
8°	653.9	656.7	654.8	653.9	652.1
9°	638.5	640.3	637.6	637.6	637.6
10°	622.2	623.1	621.3	618.6	618.6
11°	604.1	603.2	602.3	600.5	598.7
12°	584.2	584.2	581.5	579.7	578.8
13°	563.4	562.5	560.6	558.8	558.8
14°	541.6	541.6	539.8	536.2	537.1
15°	518.1	519.0	516.3	512.6	511.7
17.5°	464.6	462.8	458.3	455.6	452.9
20°	405.8	404.9	400.3	397.6	396.7
22.5°	351.4	350.5	346.0	343.3	345.1
25°	302.5	298.9	293.5	293.5	293.5
27.5°	257.2	252.7	249.1	247.3	249.1
30°	215.6	211.9	208.3	207.4	206.5
32.5°	178.4	176.6	174.8	172.1	172.1
35°	146.7	146.7	144.9	142.2	141.3
37.5°	119.6	120.5	119.6	116.8	115.9
40°	96.0	97.8	98.7	96.0	92.4
42.5°	78.8	81.5	83.3	78.8	76.1
45°	66.1	67.9	69.7	66.1	64.3
47.5°	58.0	58.9	59.8	57.1	56.2
50°	51.6	51.6	51.6	50.7	50.7
52.5°	47.1	47.1	46.2	45.3	45.3
55°	43.5	42.6	41.7	41.7	42.6
57.5°	40.8	39.9	38.0	38.9	39.9
60°	38.9	37.1	35.3	36.2	37.1
62.5°	36.2	34.4	32.6	33.5	35.3
65°	35.3	31.7	29.9	31.7	34.4
67.5°	34.4	29.9	27.2	29.9	33.5
70°	33.5	28.1	25.4	28.1	32.6
72.5°	32.6	26.3	22.6	26.3	31.7
75°	31.7	24.5	19.9	24.5	30.8
77.5°	29.9	22.6	17.2	22.6	28.1
80°	27.2	20.8	14.5	19.9	24.5
82.5°	19.9	17.2	11.8	17.2	18.1
85°	10.9	11.8	7.2	11.8	10.9
87.5°	0.9	1.8	1.8	5.4	3.6



TEST NUMBER: P1315646  
CATALOG NUMBER: LDSQA3D13R359735DE010 3LSQPHRLP1MW

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)