

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: P1318425

Luminaire Tested: LDSQA3D13R609830DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1318425  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R609830DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

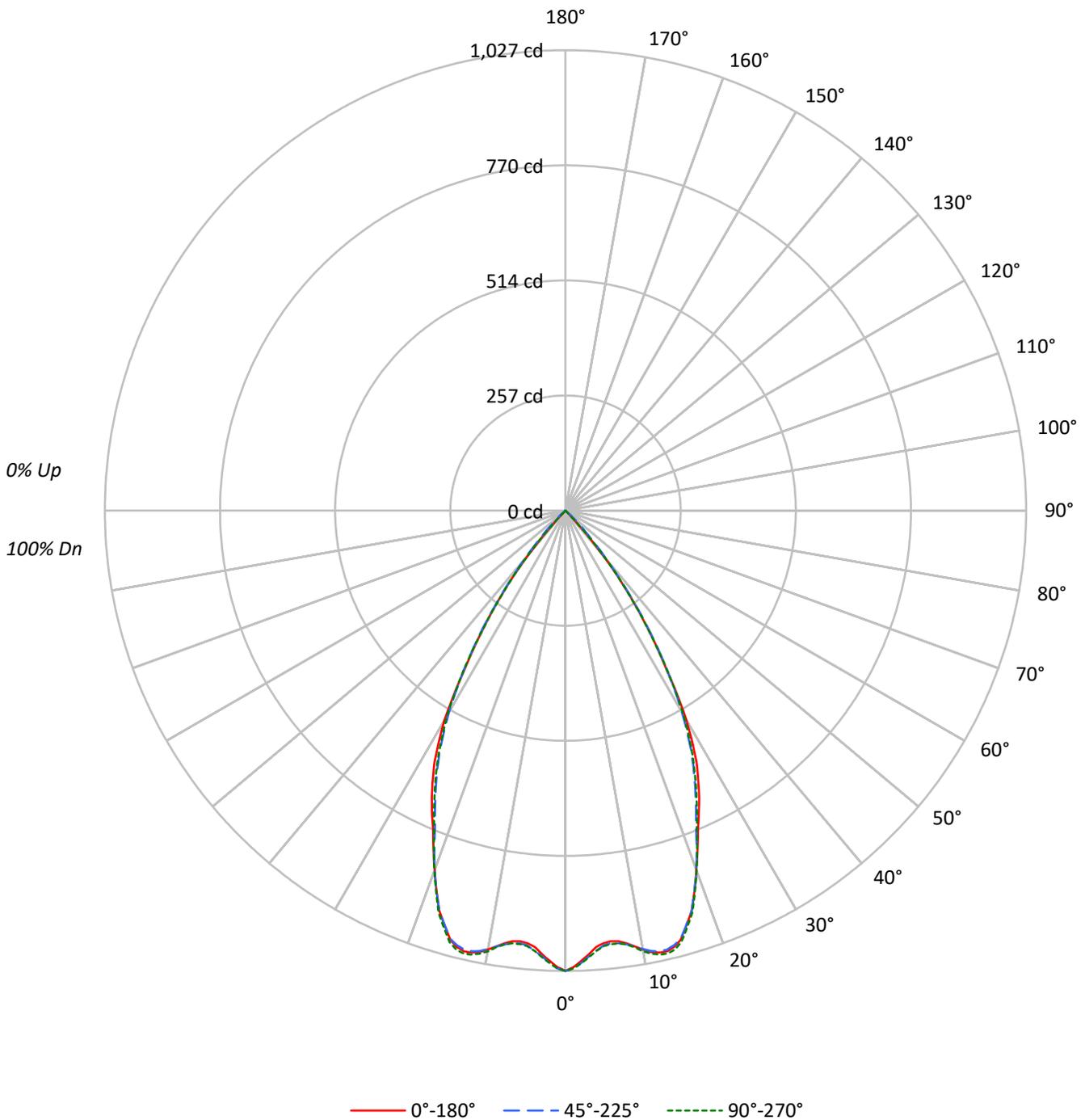
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 910.0 lumens  
Efficiency: N/A  
Efficacy: 62.8 lumens/watt  
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.5  
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: P1318425  
CATALOG NUMBER: LDSQA3D13R609830DE010 3LSQCDR1MMS

### Luminous Intensity Polar Plot





TEST NUMBER: P1318425  
 CATALOG NUMBER: LDSQA3D13R609830DE010 3LSQCDR1MMS

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	100	100	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82	82	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53	53

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

	0°	45°	90°
0°	176855	176855	176855
5°	167487	168368	168610
10°	173865	173620	174635
15°	176747	176497	177781
20°	156407	156407	156682
25°	134045	130035	131137
30°	107228	103331	104921
35°	66522	67888	66374
40°	29204	32149	30014
45°	365	10424	877
50°	0	1179	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 10424 cd/sqm



TEST NUMBER: P1318425

CATALOG NUMBER: LDSQA3D13R609830DE010 3LSQCDR1MMS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	93.8	10.3
10°-20°	271.9	29.9
20°-30°	315.6	34.7
30°-40°	198.7	21.8
40°-50°	29.8	3.3
50°-60°	0.2	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	681.3	74.9
0°-40°	880.0	96.7
0°-60°	910.0	100.0
0°-90°	910.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	910.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1027	1027	1027	1027	1027	
5°	969	972	974	976	975	93
15°	991	988	990	996	997	272
25°	705	697	684	687	690	321
35°	316	317	323	316	316	197
45°	2	14	43	18	4	20
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1318425

CATALOG NUMBER: LDSQA3D13R609830DE010 3LSQCDR1MMS

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1026.9	1026.9	1026.9	1026.9	1026.9
1°	1018.9	1021.8	1021.8	1022.5	1021.8
2°	1005.1	1009.5	1009.5	1011.6	1010.2
3°	991.3	994.9	995.7	998.6	997.8
4°	976.1	981.9	984.1	985.5	984.8
5°	968.8	972.4	973.9	976.1	975.3
6°	965.9	968.8	970.3	972.4	972.4
7°	968.1	970.3	972.4	973.9	972.4
8°	974.6	976.8	976.8	979.7	977.5
9°	984.1	984.8	984.8	988.4	986.2
10°	994.2	992.8	992.8	997.8	998.6
11°	1002.9	1001.5	1000.7	1005.8	1007.3
12°	1008.0	1005.1	1005.1	1011.6	1012.4
13°	1008.7	1005.1	1005.1	1011.6	1013.8
14°	1002.9	998.6	999.3	1006.5	1008.7
15°	991.3	987.7	989.9	996.4	997.1
17.5°	936.2	934.0	935.4	939.8	940.5
20°	853.4	852.0	853.4	853.4	854.9
22.5°	771.4	767.8	760.5	764.9	765.6
25°	705.4	697.4	684.3	687.2	690.1
27.5°	632.8	622.7	608.9	612.5	613.2
30°	539.2	534.1	519.6	523.2	527.6
32.5°	416.6	430.3	421.6	420.9	421.6
35°	316.4	317.1	322.9	316.4	315.7
37.5°	221.3	222.1	226.4	219.2	219.9
40°	129.9	139.3	143.0	140.1	133.5
42.5°	40.6	71.8	81.3	70.4	45.0
45°	1.5	13.8	42.8	18.1	3.6
47.5°	0.0	0.7	20.3	1.5	0.0
50°	0.0	0.0	4.4	0.0	0.0
52.5°	0.0	0.0	0.7	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1318425  
CATALOG NUMBER: LDSQA3D13R609830DE010 3LSQCDR1MMS

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)