

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: IRiS

Report Number: P1298449

Luminaire Tested: P3A13R60W2N902765DE010 E3DLD1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298449
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R60W2N902765DE010 E3DLD1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

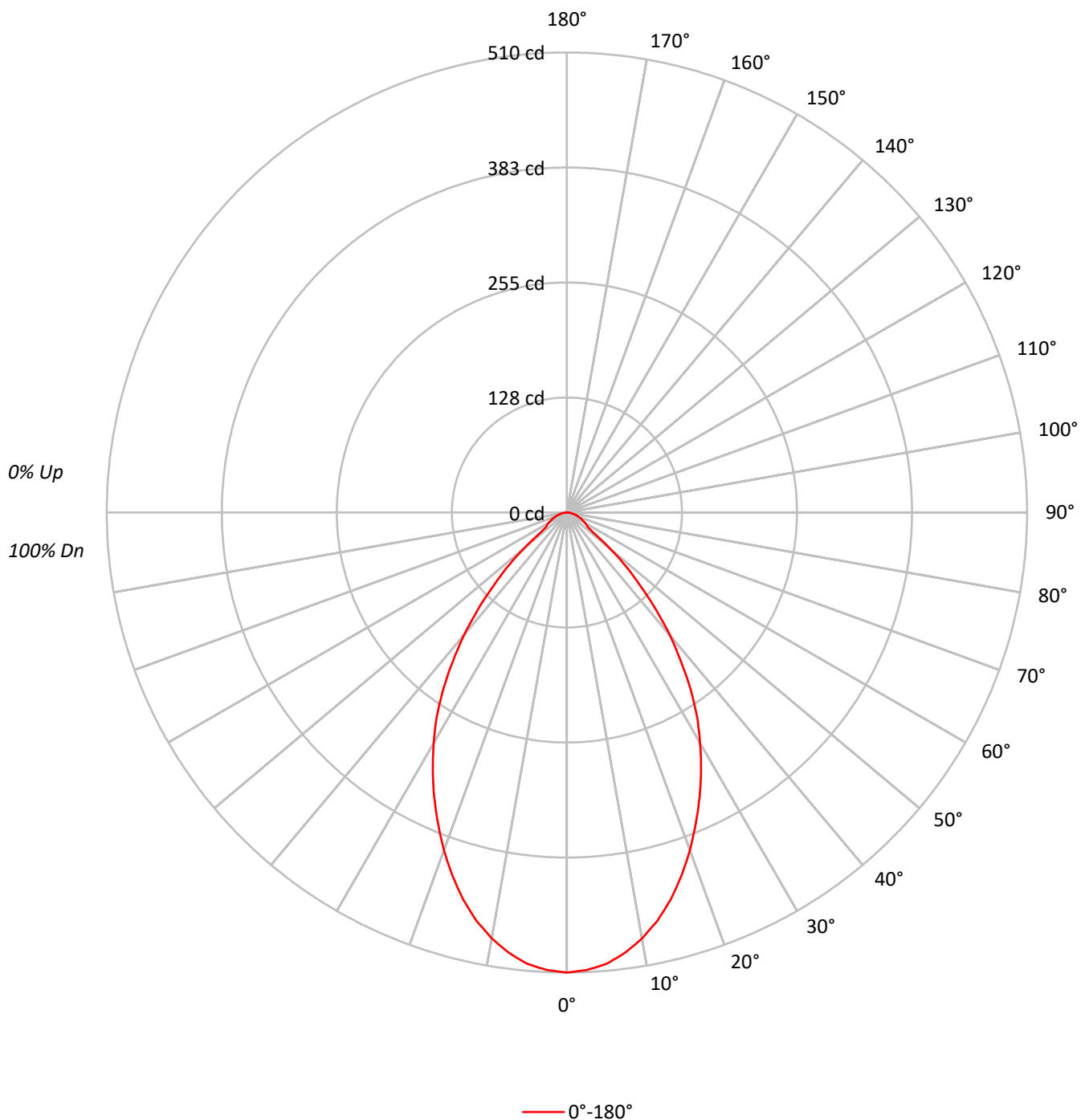
Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 51.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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

TEST NUMBER: P1298449

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLD1LI_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1298449

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLD1LI_3000K

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111833
5°	110587
10°	106745
15°	100841
20°	92968
25°	84174
30°	74720
35°	63871
40°	50781
45°	35818
50°	21389
55°	10819
60°	10394
65°	9547
70°	8848
75°	8388
80°	7703
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35818 cd/sqm

TEST NUMBER: P1298449

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLD1LI_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.2	7.5
10°-20°	124.2	19.7
20°-30°	159.4	25.3
30°-40°	147.8	23.5
40°-50°	90.0	14.3
50°-60°	30.0	4.8
60°-70°	18.3	2.9
70°-80°	10.3	1.6
80°-90°	2.9	0.5
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°	330.8	52.5
0°-40°	478.6	76.0
0°-60°	598.6	95.0
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	510	
5°	502	47
15°	444	124
25°	348	159
35°	239	148
45°	116	90
55°	28	30
65°	18	18
75°	10	10
85°	2	3
90°	0	

TEST NUMBER: P1298449

CATALOG NUMBER: P3A13R60W2N902765DE010 E3DLD1LI_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	510.0
2.5°	507.7
5°	502.4
7.5°	492.4
10°	479.4
12.5°	463.4
15°	444.2
17.5°	422.1
20°	398.4
22.5°	373.1
25°	347.9
27.5°	321.9
30°	295.1
32.5°	268.4
35°	238.6
37.5°	207.2
40°	177.4
42.5°	146.0
45°	115.5
47.5°	89.5
50°	62.7
52.5°	37.5
55°	28.3
57.5°	26.0
60°	23.7
62.5°	20.6
65°	18.4
67.5°	16.1
70°	13.8
72.5°	11.5
75°	9.9
77.5°	7.6
80°	6.1
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)