

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: P1296527

Luminaire Tested: P3A13R30W2N902765DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296527
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R30W2N902765DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

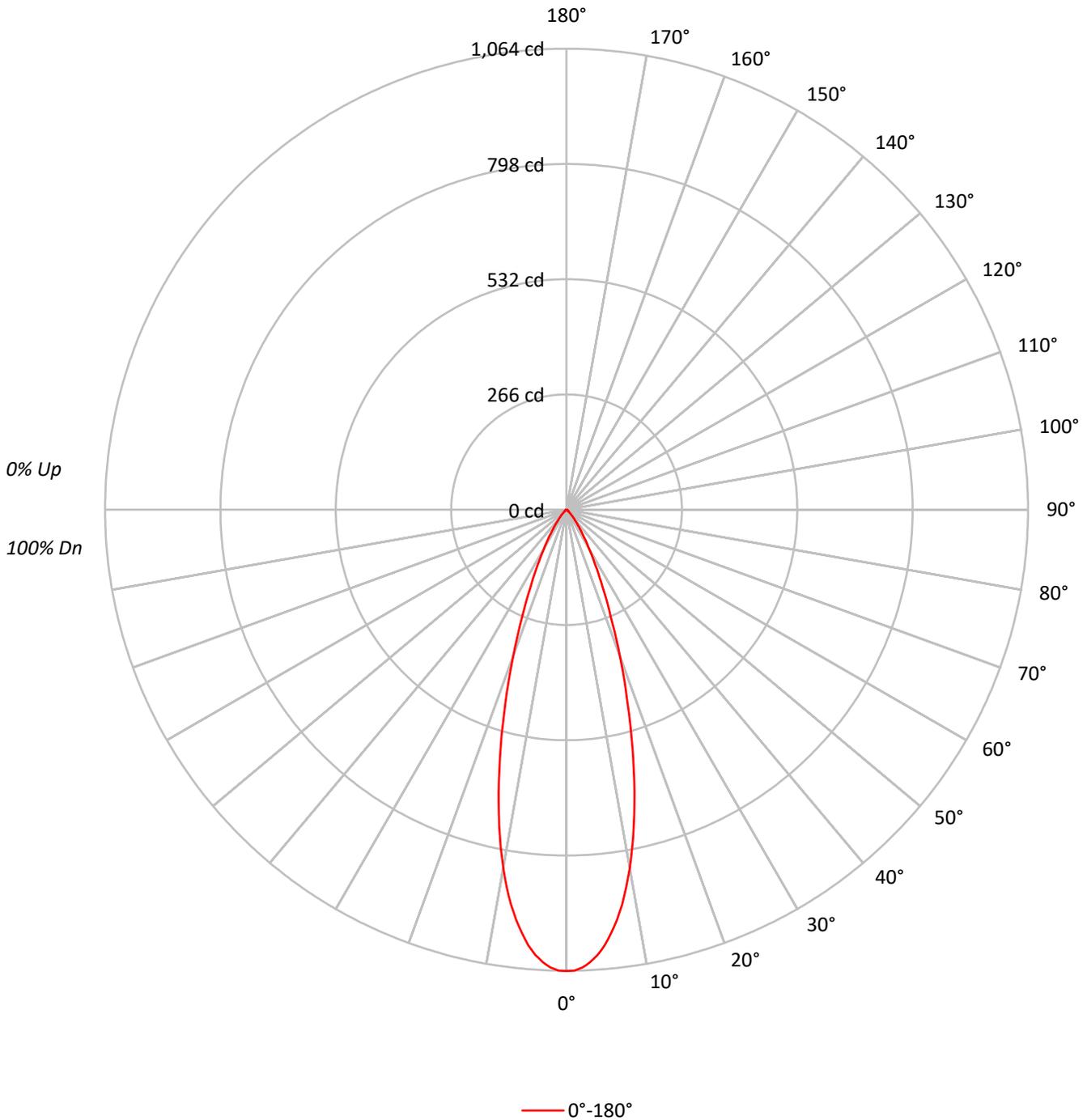
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 400.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
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: P1296527
CATALOG NUMBER: P3A13R30W2N902765DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1296527

CATALOG NUMBER: P3A13R30W2N902765DE010 E3DL1GPH_5000K

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	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	71	71	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233402
5°	222165
10°	186859
15°	134757
20°	83587
25°	47543
30°	26409
35°	14375
40°	7586
45°	4093
50°	2183
55°	1453
60°	1316
65°	1349
70°	1218
75°	932
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4093 cd/sqm



TEST NUMBER: P1296527

CATALOG NUMBER: P3A13R30W2N902765DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.9	22.7
10°-20°	161.5	40.4
20°-30°	93.4	23.3
30°-40°	35.4	8.9
40°-50°	10.9	2.7
50°-60°	3.7	0.9
60°-70°	2.5	0.6
70°-80°	1.3	0.3
80°-90°	0.4	0.1
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°	345.8	86.4
0°-40°	381.2	95.3
0°-60°	395.8	98.9
0°-90°	400.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	400.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1064	
5°	1009	91
15°	594	162
25°	196	93
35°	54	35
45°	13	11
55°	4	4
65°	3	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1296527

CATALOG NUMBER: P3A13R30W2N902765DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1064.4
1°	1063.7
2°	1057.3
3°	1045.2
4°	1030.1
5°	1009.3
6°	982.8
7°	953.4
8°	920.5
9°	881.2
10°	839.2
11°	793.9
12°	745.9
13°	695.6
14°	644.6
15°	593.6
17.5°	468.2
20°	358.2
22.5°	265.6
25°	196.5
27.5°	142.8
30°	104.3
32.5°	75.2
35°	53.7
37.5°	37.4
40°	26.5
42.5°	18.5
45°	13.2
47.5°	9.1
50°	6.4
52.5°	4.5
55°	3.8
57.5°	3.4
60°	3.0
62.5°	2.6
65°	2.6
67.5°	2.3
70°	1.9
72.5°	1.5
75°	1.1
77.5°	1.1
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0



TEST NUMBER: P1296527
CATALOG NUMBER: P3A13R30W2N902765DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)