

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: P1296187

Luminaire Tested: P3A13R25W2N902765DE010 E3DL1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296187
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902765DE010 E3DL1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

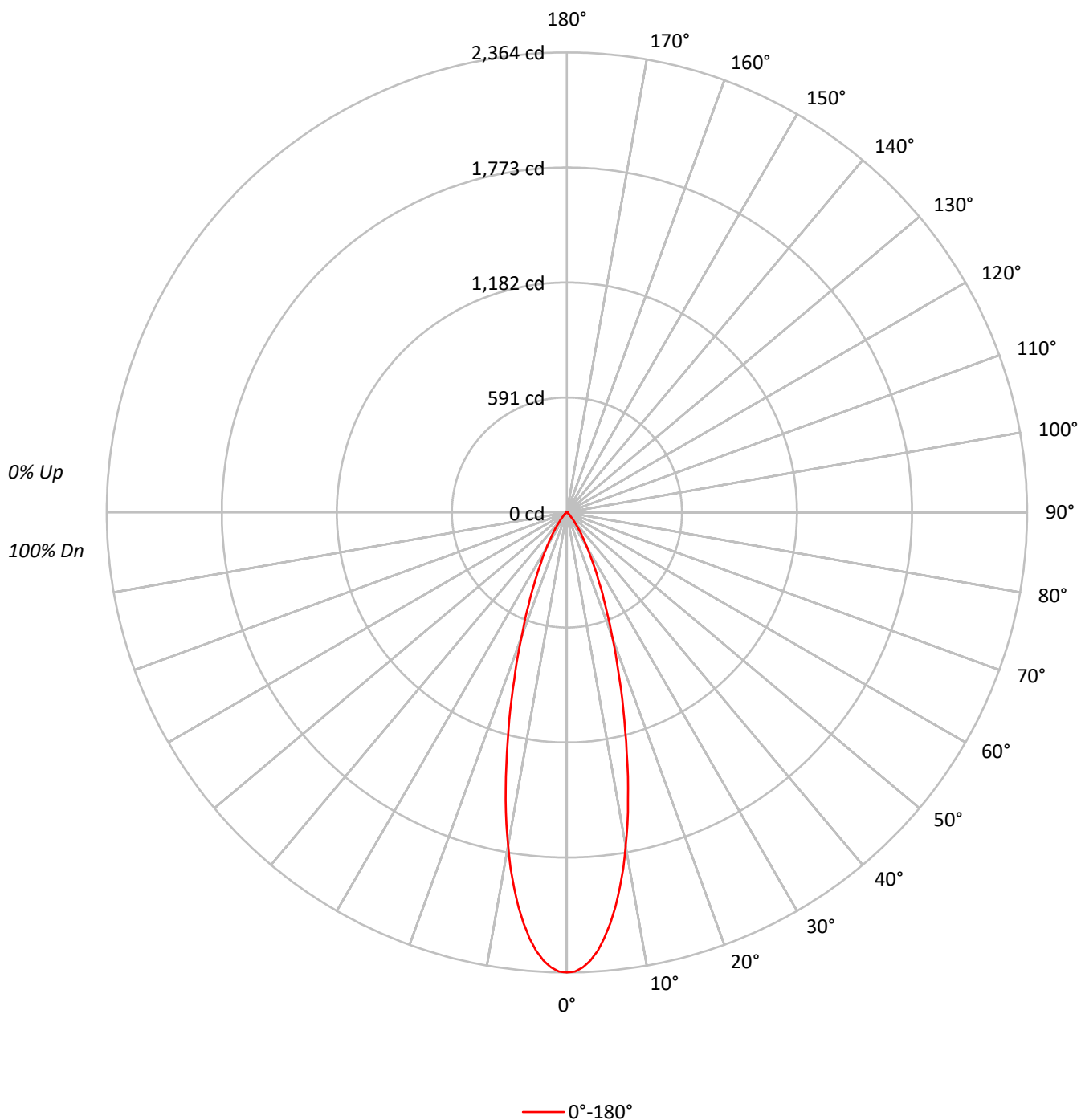
Lumens per Lamp: N/A
Luminaire Lumens: 808.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1296187

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1LI_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1296187

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1LI_5000K

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		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97		95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87		86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79		78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76		75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73		72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70		69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67		66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65		64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	518292
5°	483578
10°	387368
15°	262953
20°	159100
25°	93030
30°	52995
35°	29152
40°	15486
45°	8156
50°	4742
55°	3555
60°	3026
65°	3217
70°	2949
75°	2626
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8156 cd/sqm

TEST NUMBER: P1296187

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1LI_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.9	24.1
10°-20°	318.4	39.4
20°-30°	182.0	22.5
30°-40°	71.8	8.9
40°-50°	22.0	2.7
50°-60°	8.7	1.1
60°-70°	5.8	0.7
70°-80°	3.3	0.4
80°-90°	1.0	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°	695.3	86.1
0°-40°	767.1	94.9
0°-60°	797.9	98.7
0°-90°	808.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	808.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2364	
5°	2197	195
15°	1158	318
25°	384	182
35°	109	72
45°	26	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1296187

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1LI_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2363.6
1°	2359.0
2°	2339.7
3°	2305.7
4°	2258.6
5°	2196.9
6°	2124.3
7°	2042.4
8°	1947.4
9°	1850.1
10°	1739.7
11°	1630.8
12°	1511.2
13°	1393.0
14°	1271.8
15°	1158.3
17.5°	898.0
20°	681.8
22.5°	512.0
25°	384.5
27.5°	284.9
30°	209.3
32.5°	151.3
35°	108.9
37.5°	77.2
40°	54.1
42.5°	37.1
45°	26.3
47.5°	18.5
50°	13.9
52.5°	10.8
55°	9.3
57.5°	8.5
60°	6.9
62.5°	6.2
65°	6.2
67.5°	5.4
70°	4.6
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.8



TEST NUMBER: P1296187

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1LI_5000K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)