

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: P1298764

Luminaire Tested: P3A13R65W2N902765DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298764
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902765DE010 E3DLD1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

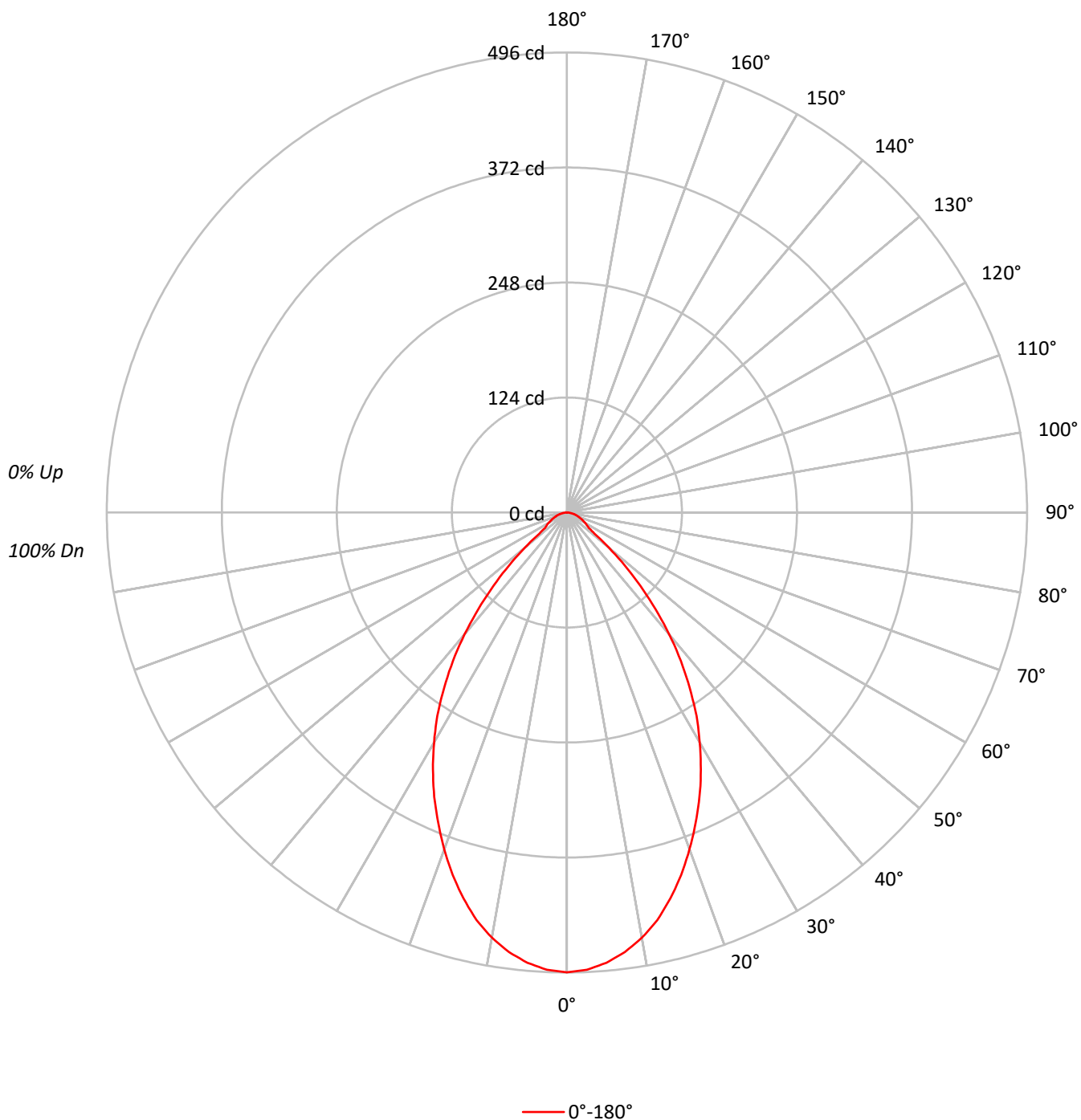
Lumens per Lamp: N/A
Luminaire Lumens: 611.0 lumens
Efficiency: N/A
Efficacy: 49.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298764

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLD1H_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1298764

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLD1H_4000K

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°	108719
5°	107264
10°	103672
15°	97776
20°	90168
25°	81852
30°	72492
35°	61703
40°	49092
45°	34639
50°	20127
55°	10972
60°	10218
65°	9236
70°	8463
75°	7879
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 34639 cd/sqm

TEST NUMBER: P1298764

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLD1H_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.8	7.5
10°-20°	120.5	19.7
20°-30°	154.8	25.3
30°-40°	143.3	23.4
40°-50°	86.5	14.2
50°-60°	29.5	4.8
60°-70°	17.7	2.9
70°-80°	10.0	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°	321.2	52.6
0°-40°	464.4	76.0
0°-60°	580.4	95.0
0°-90°	611.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	611.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	496	
5°	487	46
15°	431	120
25°	338	155
35°	230	143
45°	112	86
55°	29	29
65°	18	18
75°	9	10
85°	2	3
90°	0	

TEST NUMBER: P1298764

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLD1H_4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	495.8
2.5°	493.5
5°	487.3
7.5°	478.0
10°	465.6
12.5°	450.1
15°	430.7
17.5°	409.7
20°	386.4
22.5°	362.4
25°	338.3
27.5°	312.7
30°	286.3
32.5°	260.0
35°	230.5
37.5°	201.8
40°	171.5
42.5°	141.2
45°	111.7
47.5°	84.6
50°	59.0
52.5°	37.2
55°	28.7
57.5°	25.6
60°	23.3
62.5°	20.2
65°	17.8
67.5°	15.5
70°	13.2
72.5°	11.6
75°	9.3
77.5°	7.8
80°	5.4
82.5°	3.9
85°	2.3
87.5°	1.6
90°	0.0

(END OF REPORT)