

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: P1298539

Luminaire Tested: P3A13R65W2N902750DE010 E3D1H_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3D1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

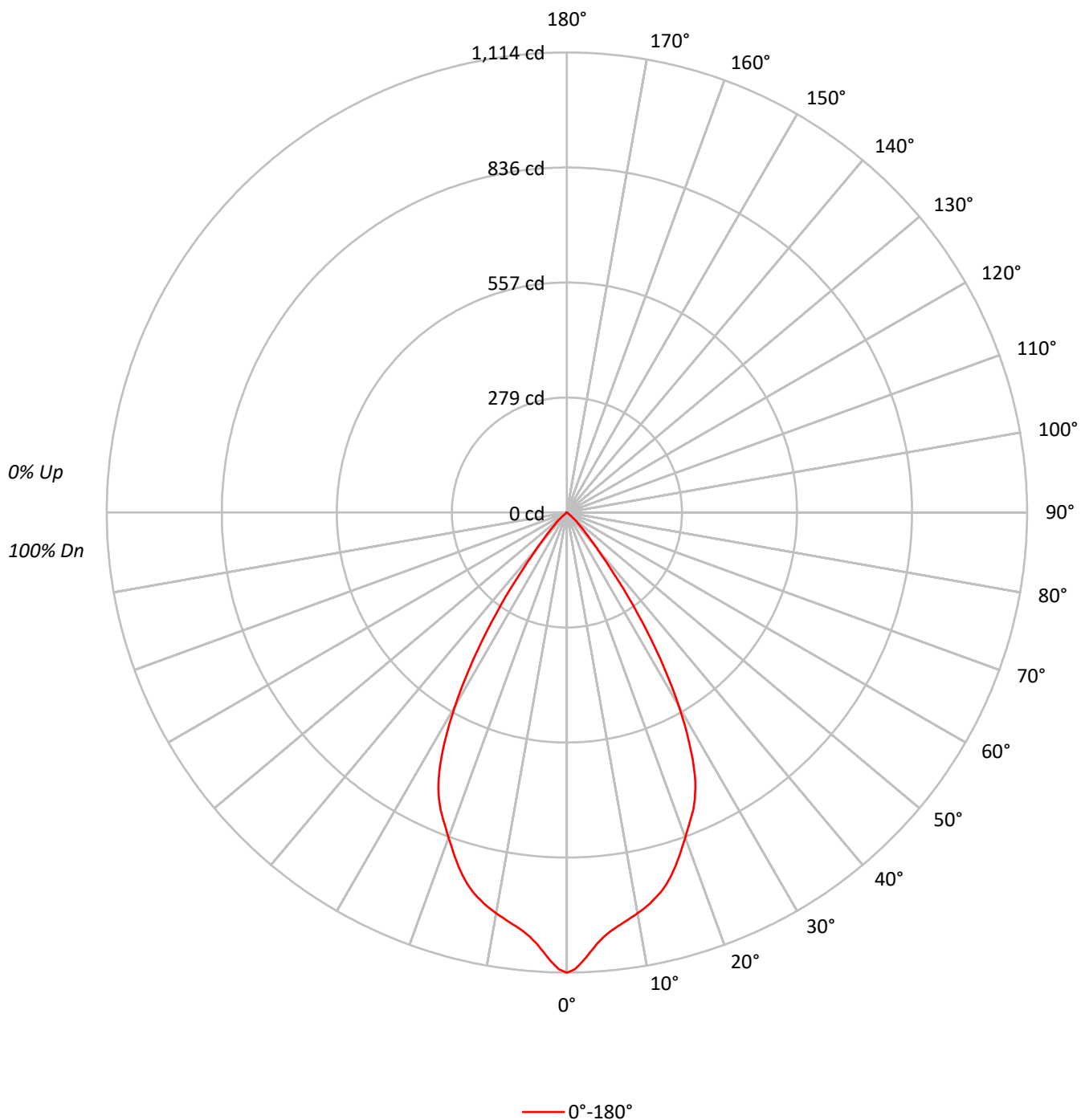
Lumens per Lamp: N/A
Luminaire Lumens: 912.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298539

CATALOG NUMBER: P3A13R65W2N902750DE010 E3D1H_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1298539

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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	111	109	106	111	109	107	105	105	103	102		101	100	99		98	97	96		94
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93	91	89		88
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88	86	83		82
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84	81	78		77
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79	76	73		72
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75	71	68		67
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71	67	64		63
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67	63	60		59
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64	60	57		56
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	244366
5°	226920
10°	219435
15°	211465
20°	195504
25°	178123
30°	137616
35°	79772
40°	31659
45°	13490
50°	3207
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13490 cd/sqm

TEST NUMBER: P1298539

CATALOG NUMBER: P3A13R65W2N902750DE010 E3D1H_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.2	10.7
10°-20°	259.6	28.5
20°-30°	328.5	36.0
30°-40°	187.1	20.5
40°-50°	37.2	4.1
50°-60°	1.9	0.2
60°-70°	0.5	0.1
70°-80°	0.1	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°	685.3	75.1
0°-40°	872.3	95.7
0°-60°	911.4	99.9
0°-90°	912.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1114	
5°	1031	97
15°	932	260
25°	736	329
35°	298	187
45°	44	37
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1298539

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1114.4
1°	1106.2
2°	1088.2
3°	1067.2
4°	1046.6
5°	1030.9
6°	1019.2
7°	1009.9
8°	1001.6
9°	993.4
10°	985.5
11°	976.9
12°	967.9
13°	957.0
14°	945.4
15°	931.5
16°	915.0
17°	897.0
18°	877.5
19°	856.9
20°	837.8
21°	818.3
22°	800.7
23°	782.3
24°	761.0
25°	736.2
26°	706.6
27°	671.0
28°	630.9
29°	588.1
30°	543.5
31°	494.4
32°	445.7
32.5°	420.6
33°	396.2
34°	346.7
35°	298.0
36°	253.0
37°	208.4
37.5°	185.6
38°	167.2
39°	135.3
40°	110.6
42.5°	68.2
45°	43.5



TEST NUMBER: P1298539

CATALOG NUMBER: P3A13R65W2N902750DE010 E3D1H_3000K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	25.5
50°	9.4
52.5°	1.9
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)