

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: P1298570

Luminaire Tested: P3A13R65W2N902750DE010 E3DL1H_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298570
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3DL1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

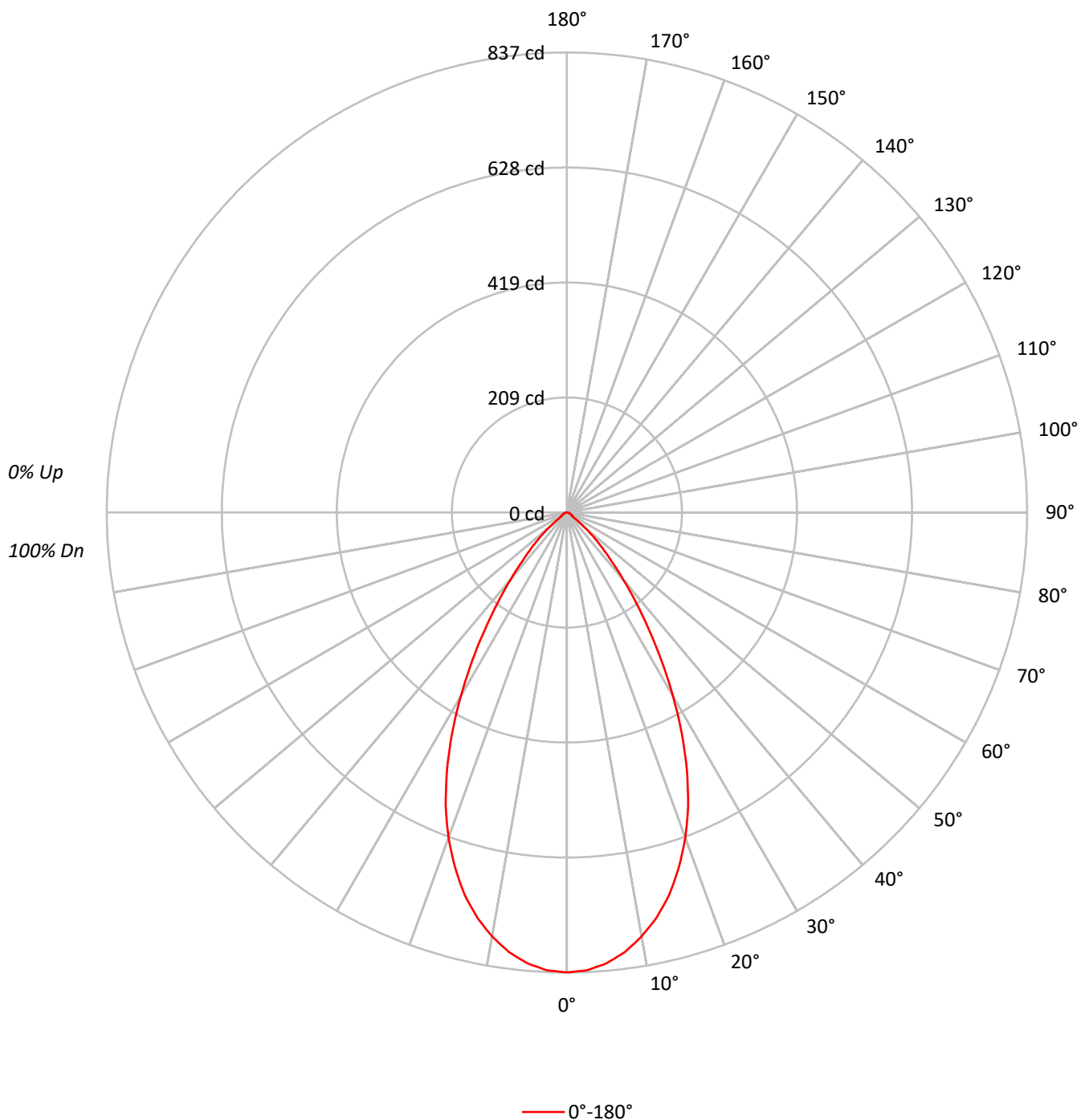
Lumens per Lamp: N/A
Luminaire Lumens: 778.0 lumens
Efficiency: N/A
Efficacy: 63.3 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97	96	94		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91	89	87		85
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86	83	80		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81	77	74		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76	72	69		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72	67	64		63
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67	63	60		58
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64	59	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60	56	53		51
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57	53	49		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	183472
5°	181267
10°	174390
15°	163361
20°	146943
25°	124773
30°	97585
35°	69546
40°	45514
45°	28127
50°	14294
55°	5046
60°	4429
65°	4410
70°	3975
75°	3982
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28127 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.3	9.9
10°-20°	200.3	25.7
20°-30°	234.1	30.1
30°-40°	163.6	21.0
40°-50°	72.0	9.3
50°-60°	16.0	2.1
60°-70°	8.2	1.0
70°-80°	4.9	0.6
80°-90°	1.7	0.2
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°	511.7	65.8
0°-40°	675.2	86.8
0°-60°	763.3	98.1
0°-90°	778.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	778.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	837	
5°	824	77
15°	720	200
25°	516	234
35°	260	164
45°	91	72
55°	13	16
65°	8	8
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	836.7
2.5°	833.6
5°	823.5
7.5°	806.5
10°	783.2
12.5°	754.5
15°	719.6
17.5°	677.0
20°	629.7
22.5°	576.2
25°	515.7
27.5°	452.1
30°	385.4
32.5°	321.0
35°	259.8
37.5°	206.3
40°	159.0
42.5°	120.2
45°	90.7
47.5°	66.7
50°	41.9
52.5°	21.7
55°	13.2
57.5°	11.6
60°	10.1
62.5°	9.3
65°	8.5
67.5°	7.0
70°	6.2
72.5°	5.4
75°	4.7
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)