

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: P1298569

Luminaire Tested: P3A13R65W2N902750DE010 E3DL1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298569
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

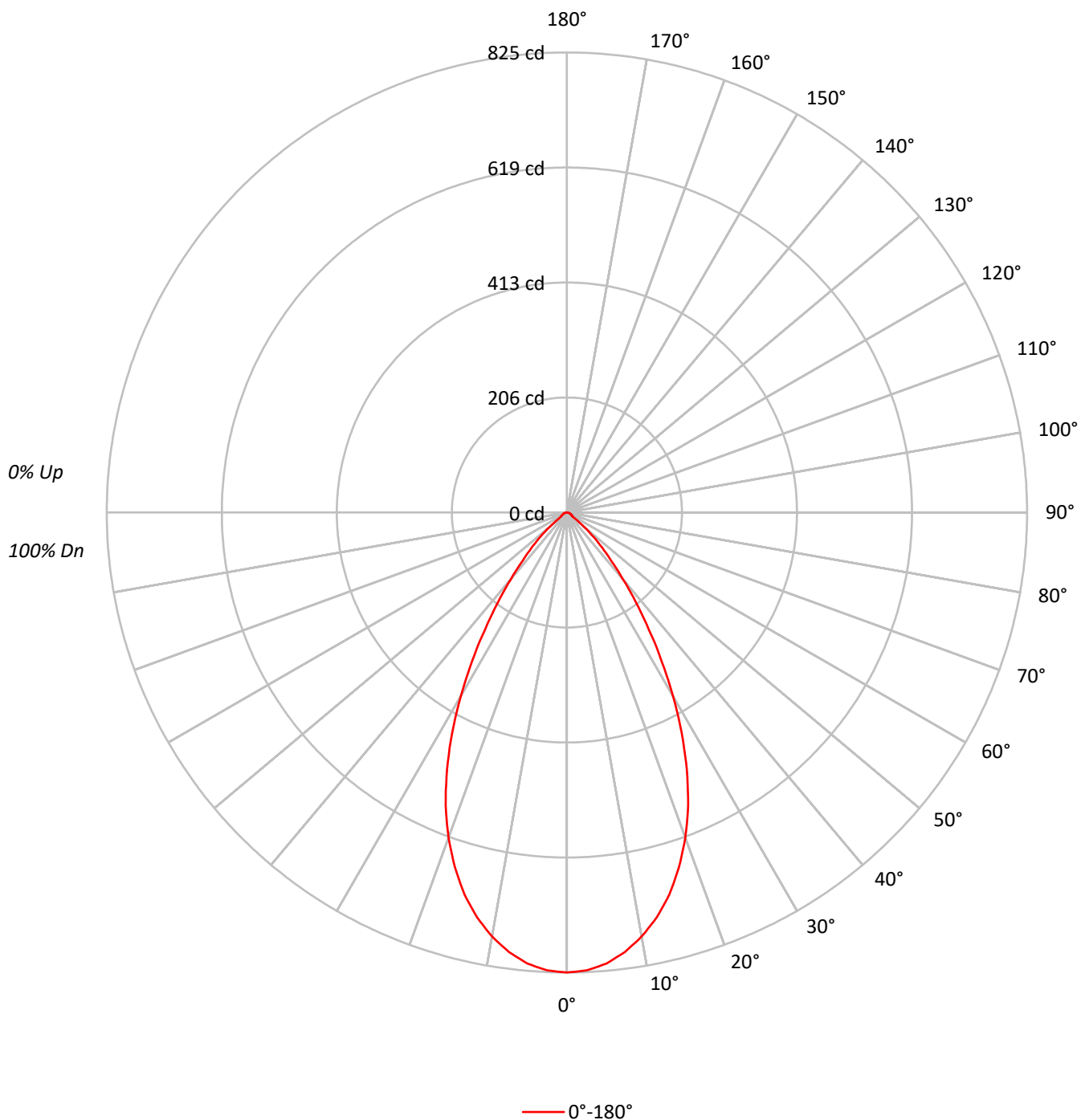
Lumens per Lamp: N/A
Luminaire Lumens: 767.0 lumens
Efficiency: N/A
Efficacy: 62.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180885
5°	178714
10°	171918
15°	161045
20°	144866
25°	123007
30°	96217
35°	68556
40°	44855
45°	27724
50°	14089
55°	4970
60°	4342
65°	4358
70°	3911
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27724 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	9.9
10°-20°	197.4	25.7
20°-30°	230.8	30.1
30°-40°	161.3	21.0
40°-50°	71.0	9.3
50°-60°	15.8	2.1
60°-70°	8.0	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°	504.4	65.8
0°-40°	665.7	86.8
0°-60°	752.5	98.1
0°-90°	767.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	767.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	825	
5°	812	76
15°	709	197
25°	508	231
35°	256	161
45°	89	71
55°	13	16
65°	8	8
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	824.9
2.5°	821.8
5°	811.9
7.5°	795.1
10°	772.1
12.5°	743.8
15°	709.4
17.5°	667.4
20°	620.8
22.5°	568.0
25°	508.4
27.5°	445.7
30°	380.0
32.5°	316.5
35°	256.1
37.5°	203.4
40°	156.7
42.5°	118.5
45°	89.4
47.5°	65.7
50°	41.3
52.5°	21.4
55°	13.0
57.5°	11.5
60°	9.9
62.5°	9.2
65°	8.4
67.5°	6.9
70°	6.1
72.5°	5.4
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)