

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: P1298552

Luminaire Tested: P3A13R65W2N902750DE010 E3D1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298552
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3D1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

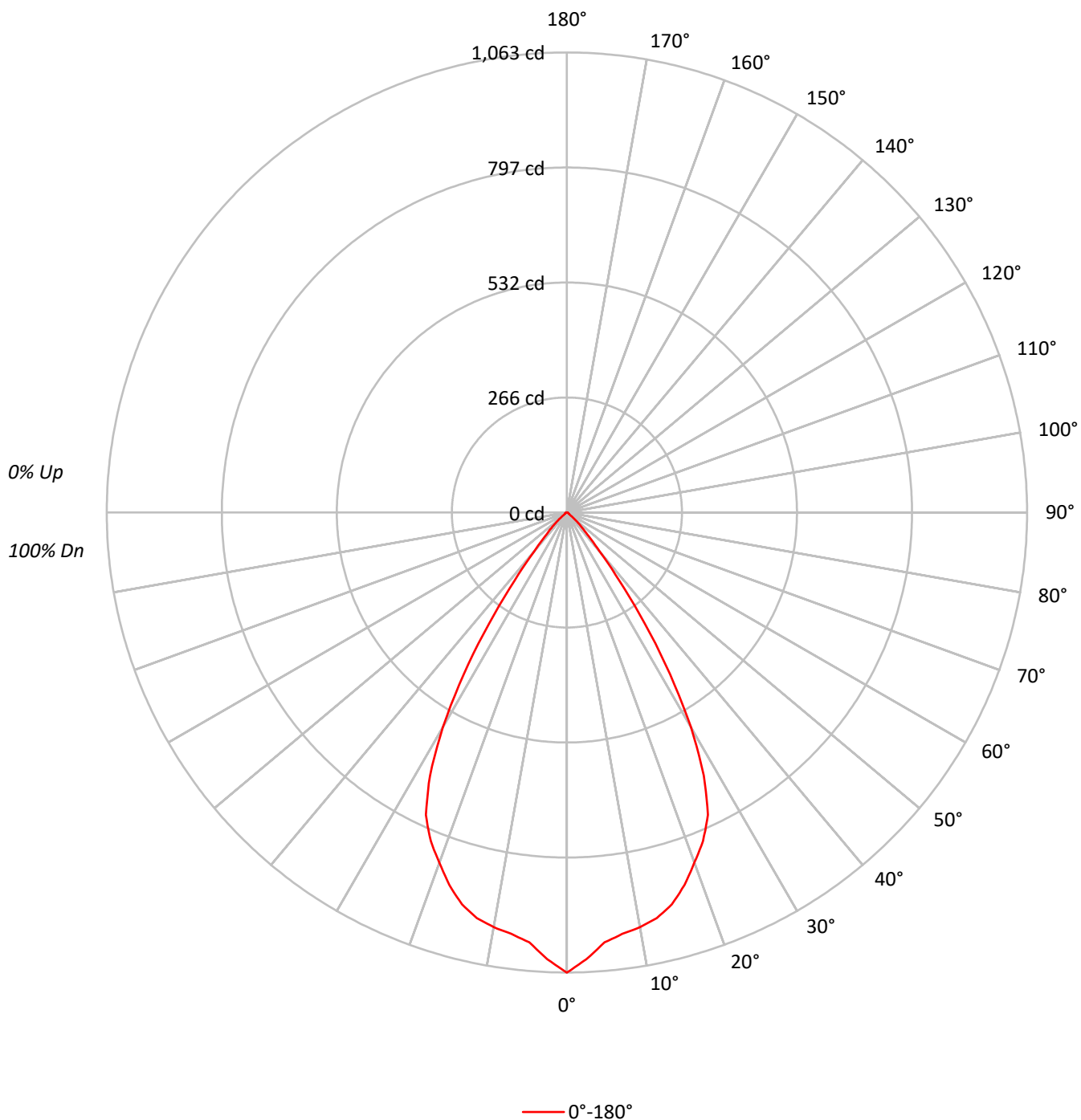
Lumens per Lamp: N/A
Luminaire Lumens: 954.0 lumens
Efficiency: N/A
Efficacy: 77.6 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			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	108	106	111	109	106	104	105	103	101		101	99	98		97	96	95	94
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92	90	89	87
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88	85	83	81
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83	80	77	75
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78	75	72	70
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60	55	52	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233139
5°	219414
10°	216629
15°	212805
20°	200917
25°	186495
30°	144959
35°	83841
40°	33778
45°	15568
50°	6038
55°	2370
60°	2017
65°	2024
70°	1988
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.8	9.9
10°-20°	261.8	27.4
20°-30°	342.7	35.9
30°-40°	198.5	20.8
40°-50°	42.5	4.5
50°-60°	6.9	0.7
60°-70°	3.8	0.4
70°-80°	2.2	0.2
80°-90°	0.9	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°	699.2	73.3
0°-40°	897.7	94.1
0°-60°	947.1	99.3
0°-90°	954.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1063	
5°	997	95
15°	937	262
25°	771	343
35°	313	198
45°	50	42
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1063.2
2.5°	1033.1
5°	996.8
7.5°	982.2
10°	972.9
12.5°	959.8
15°	937.4
17.5°	902.7
20°	861.0
22.5°	821.7
25°	770.8
27.5°	685.1
30°	572.5
32.5°	443.6
35°	313.2
37.5°	198.3
40°	118.0
42.5°	74.1
45°	50.2
47.5°	32.4
50°	17.7
52.5°	8.5
55°	6.2
57.5°	5.4
60°	4.6
62.5°	4.6
65°	3.9
67.5°	3.1
70°	3.1
72.5°	2.3
75°	2.3
77.5°	1.5
80°	1.5
82.5°	0.8
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)