

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: P1298583

Luminaire Tested: P3A13R65W2N902750DE010 E3DL1WH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298583
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3DL1WH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

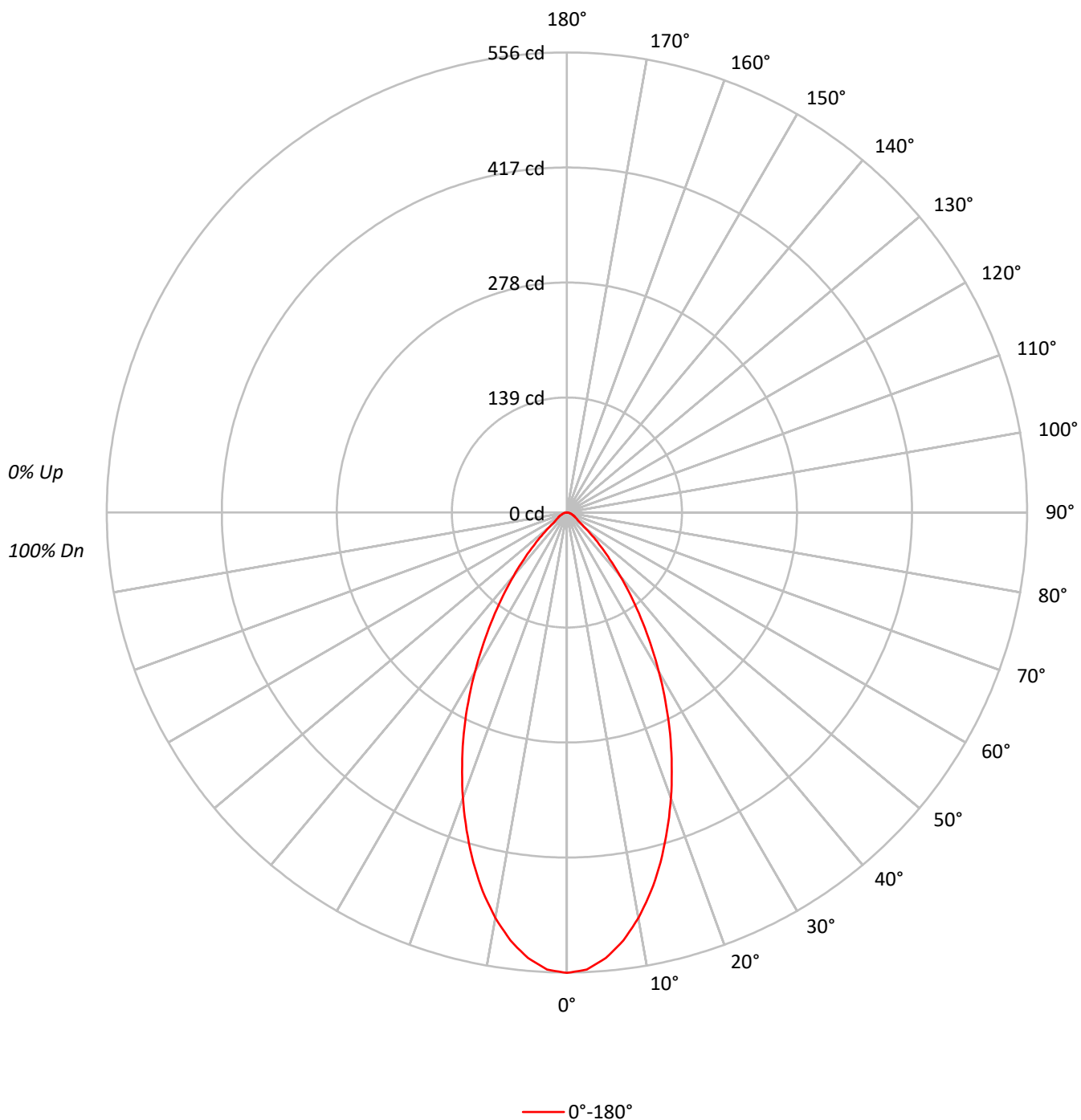
Lumens per Lamp: N/A
Luminaire Lumens: 480.0 lumens
Efficiency: N/A
Efficacy: 39.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	103	104	102	100		100	98	97		96	95	94		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90	88	86		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85	82	79		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80	76	73		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75	71	68		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71	66	63		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67	62	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63	58	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	122008
5°	118974
10°	110797
15°	99297
20°	85757
25°	71327
30°	56237
35°	41680
40°	28711
45°	17800
50°	9688
55°	6079
60°	5175
65°	4670
70°	3975
75°	3558
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17800 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.2	10.5
10°-20°	121.6	25.3
20°-30°	134.4	28.0
30°-40°	97.6	20.3
40°-50°	45.7	9.5
50°-60°	15.4	3.2
60°-70°	8.9	1.9
70°-80°	4.7	1.0
80°-90°	1.5	0.3
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°	306.2	63.8
0°-40°	403.8	84.1
0°-60°	464.9	96.9
0°-90°	480.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	480.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	556	
5°	540	50
15°	437	122
25°	295	134
35°	156	98
45°	57	46
55°	16	15
65°	9	9
75°	4	5
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	556.4
2.5°	552.9
5°	540.5
7.5°	521.8
10°	497.6
12.5°	469.2
15°	437.4
17.5°	402.8
20°	367.5
22.5°	330.8
25°	294.8
27.5°	258.1
30°	222.1
32.5°	187.5
35°	155.7
37.5°	126.6
40°	100.3
42.5°	76.8
45°	57.4
47.5°	41.5
50°	28.4
52.5°	19.4
55°	15.9
57.5°	13.8
60°	11.8
62.5°	10.4
65°	9.0
67.5°	7.6
70°	6.2
72.5°	5.5
75°	4.2
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)