

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: P1298603

Luminaire Tested: P3A13R65W2N902750DE010 E3DLD1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298603
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3DLD1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

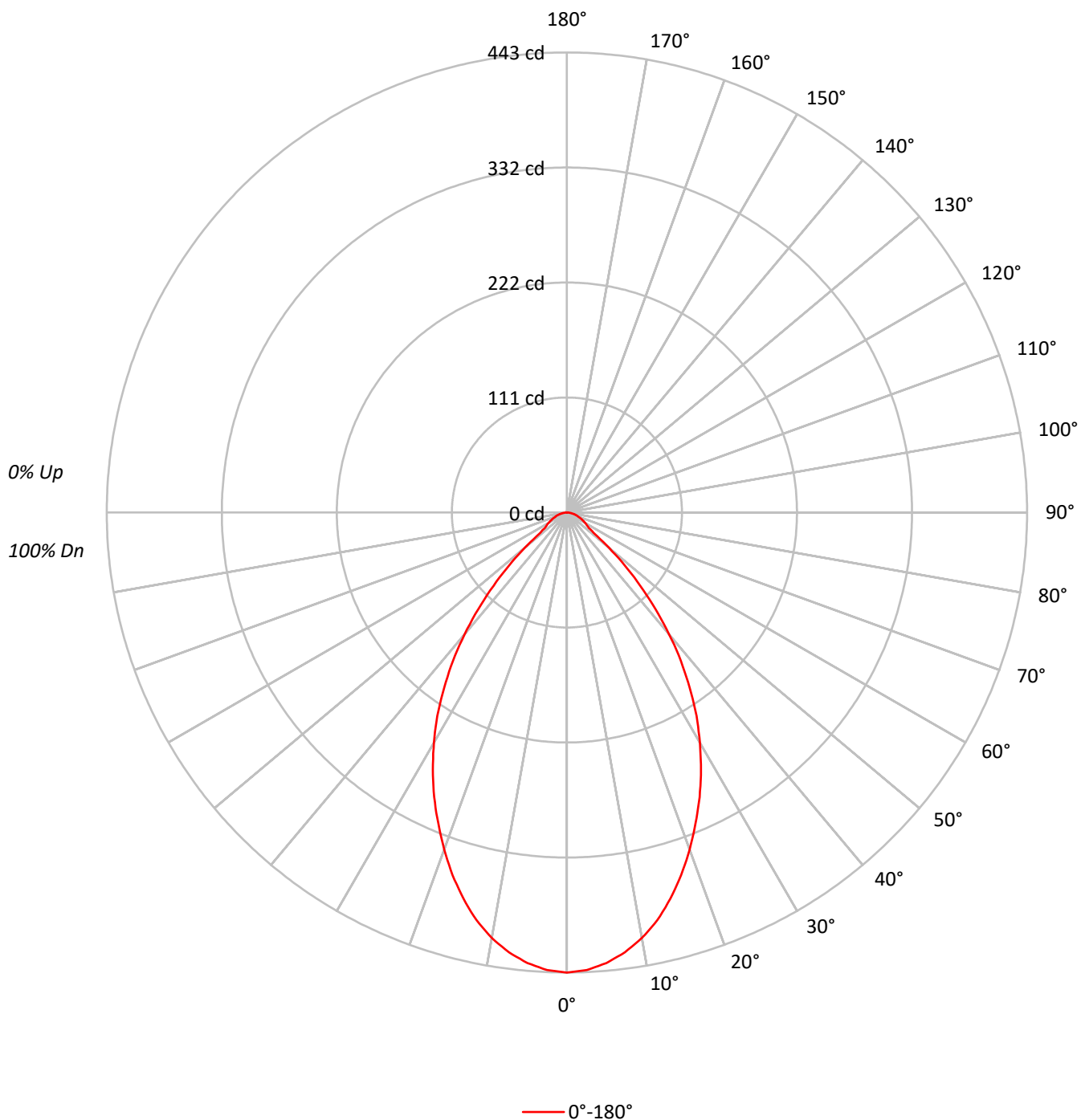
Lumens per Lamp: N/A
Luminaire Lumens: 546.0 lumens
Efficiency: N/A
Efficacy: 44.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93		91
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	86	84		82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76		74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69		67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63		61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58		56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53		51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49		47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45		44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42		41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97163
5°	95862
10°	92650
15°	87378
20°	80577
25°	73141
30°	64795
35°	55118
40°	43854
45°	30980
50°	17978
55°	9825
60°	9122
65°	8250
70°	7565
75°	7032
80°	6188
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30980 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.0	7.5
10°-20°	107.7	19.7
20°-30°	138.4	25.3
30°-40°	128.0	23.4
40°-50°	77.3	14.2
50°-60°	26.4	4.8
60°-70°	15.9	2.9
70°-80°	9.0	1.6
80°-90°	2.6	0.5
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°	287.0	52.6
0°-40°	415.0	76.0
0°-60°	518.7	95.0
0°-90°	546.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	546.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	443	
5°	436	41
15°	385	108
25°	302	138
35°	206	128
45°	100	77
55°	26	26
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	443.1
2.5°	441.0
5°	435.5
7.5°	427.2
10°	416.1
12.5°	402.2
15°	384.9
17.5°	366.1
20°	345.3
22.5°	323.8
25°	302.3
27.5°	279.5
30°	255.9
32.5°	232.3
35°	205.9
37.5°	180.3
40°	153.2
42.5°	126.2
45°	99.9
47.5°	75.6
50°	52.7
52.5°	33.3
55°	25.7
57.5°	22.9
60°	20.8
62.5°	18.0
65°	15.9
67.5°	13.9
70°	11.8
72.5°	10.4
75°	8.3
77.5°	6.9
80°	4.9
82.5°	3.5
85°	2.1
87.5°	1.4
90°	0.0

(END OF REPORT)