

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: P1297341

Luminaire Tested: P3A13R45W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297341
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R45W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

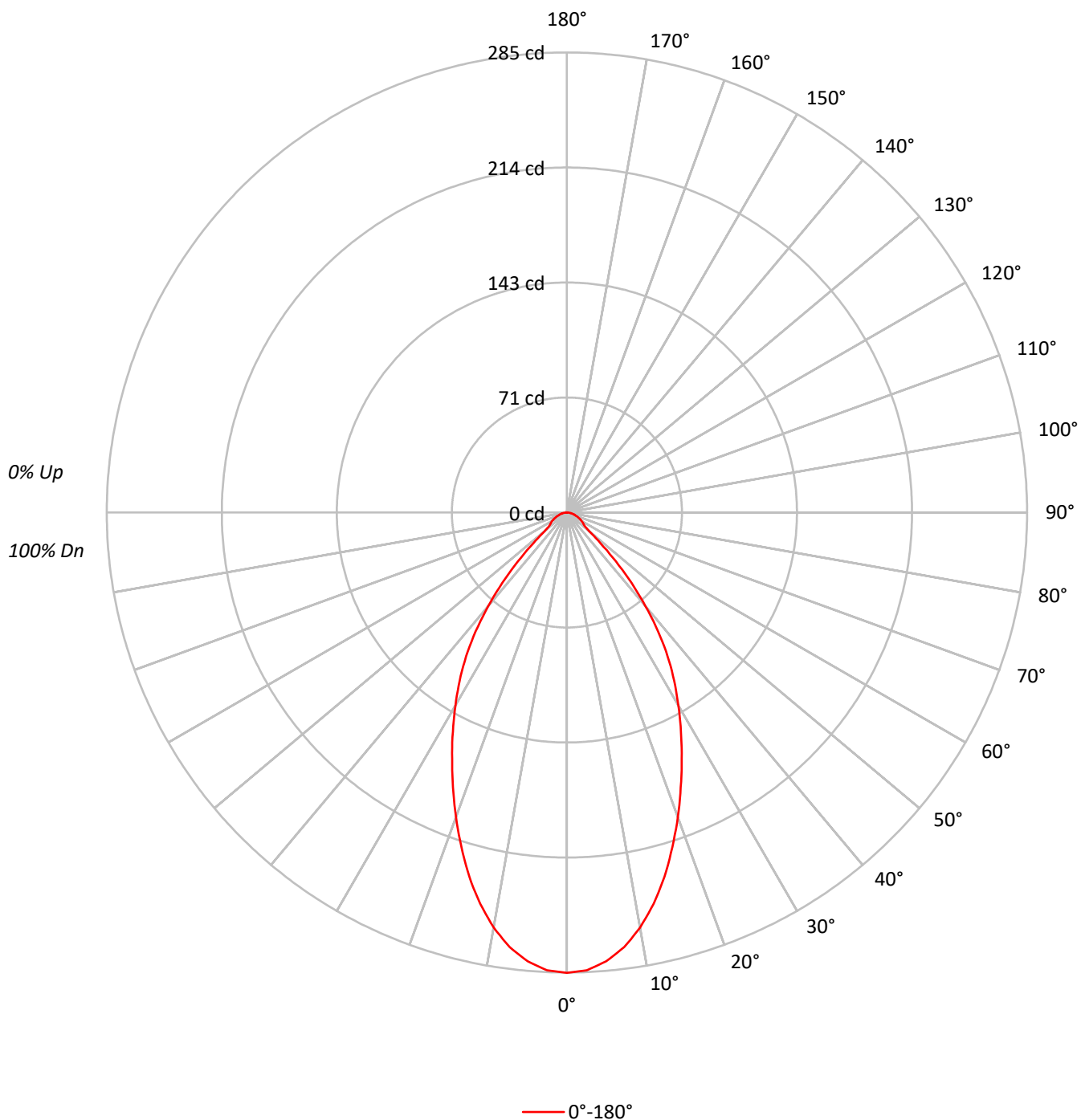
Lumens per Lamp: N/A
Luminaire Lumens: 294.9 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	97	96		96	94	93		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89	87	85		83
3	99	92	86	82	97	91	85	81	88	83	80		85	81	78		83	80	77		75
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77	74	71		69
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72	68	65		63
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68	63	60		58
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64	59	55		54
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60	55	52		50
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56	52	48		47
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53	48	45		44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62539
5°	61435
10°	58137
15°	53031
20°	46881
25°	40720
30°	34942
35°	29125
40°	21698
45°	13273
50°	6141
55°	4817
60°	4605
65°	4255
70°	3911
75°	3728
80°	3410
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13273 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	8.8
10°-20°	65.0	22.0
20°-30°	77.3	26.2
30°-40°	67.1	22.8
40°-50°	33.7	11.4
50°-60°	11.7	4.0
60°-70°	8.2	2.8
70°-80°	4.6	1.5
80°-90°	1.4	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°	168.4	57.1
0°-40°	235.5	79.8
0°-60°	280.8	95.2
0°-90°	294.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	294.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	285	
5°	279	26
15°	234	65
25°	168	77
35°	109	67
45°	43	34
55°	13	12
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	285.2
2.5°	283.9
5°	279.1
7.5°	271.6
10°	261.1
12.5°	248.2
15°	233.6
17.5°	217.2
20°	200.9
22.5°	184.3
25°	168.3
27.5°	153.0
30°	138.0
32.5°	123.7
35°	108.8
37.5°	92.8
40°	75.8
42.5°	59.2
45°	42.8
47.5°	28.2
50°	18.0
52.5°	13.9
55°	12.6
57.5°	11.6
60°	10.5
62.5°	9.5
65°	8.2
67.5°	7.1
70°	6.1
72.5°	5.1
75°	4.4
77.5°	3.4
80°	2.7
82.5°	2.0
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)