

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: P1297480

Luminaire Tested: P3A13R45W2N902765DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297480
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: P3A13R45W2N902765DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

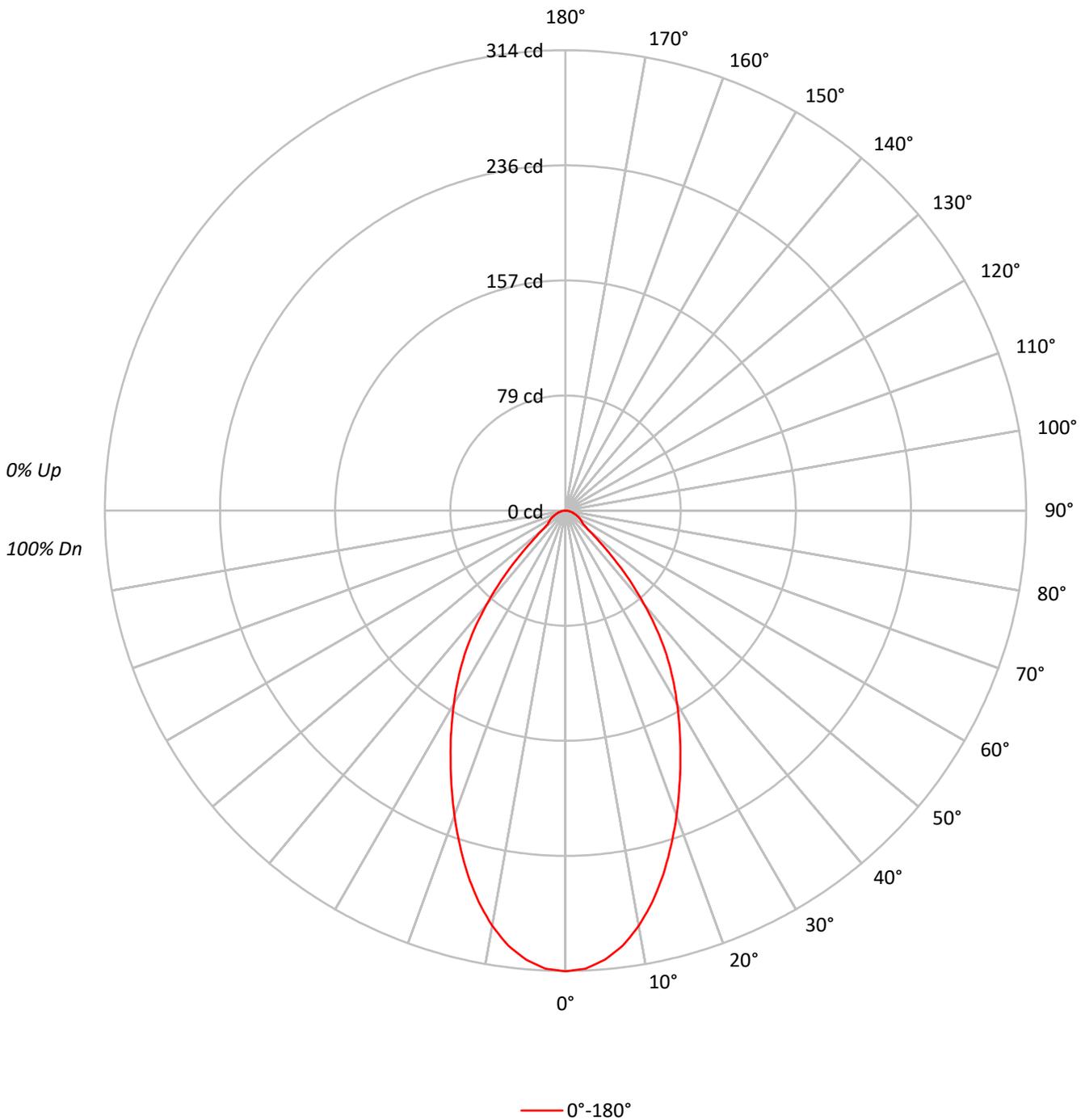
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 325.0 lumens
Efficiency: N/A
Efficacy: 26.4 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				
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83			83
3	99	92	86	82	97	91	85	81	88	83	80	85	81	78	83	80	77	75			75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69			69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63			63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58			58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54			54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47			47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68898
5°	67686
10°	64038
15°	58411
20°	51664
25°	44857
30°	38512
35°	32096
40°	23902
45°	14637
50°	6789
55°	5314
60°	5087
65°	4670
70°	4296
75°	4151
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14637 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.7	8.8
10°-20°	71.6	22.0
20°-30°	85.1	26.2
30°-40°	74.0	22.8
40°-50°	37.1	11.4
50°-60°	12.9	4.0
60°-70°	9.0	2.8
70°-80°	5.0	1.5
80°-90°	1.5	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°	185.5	57.1
0°-40°	259.4	79.8
0°-60°	309.4	95.2
0°-90°	325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	325.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	314	
5°	308	29
15°	257	72
25°	185	85
35°	120	74
45°	47	37
55°	14	13
65°	9	9
75°	5	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	314.2
2.5°	312.7
5°	307.5
7.5°	299.3
10°	287.6
12.5°	273.4
15°	257.3
17.5°	239.3
20°	221.4
22.5°	203.0
25°	185.4
27.5°	168.5
30°	152.1
32.5°	136.3
35°	119.9
37.5°	102.3
40°	83.5
42.5°	65.2
45°	47.2
47.5°	31.1
50°	19.9
52.5°	15.4
55°	13.9
57.5°	12.7
60°	11.6
62.5°	10.5
65°	9.0
67.5°	7.9
70°	6.7
72.5°	5.6
75°	4.9
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)