

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: P1299021

Luminaire Tested: P3A13R70W2N902765DE010 E3DL1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299021
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R70W2N902765DE010 E3DL1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

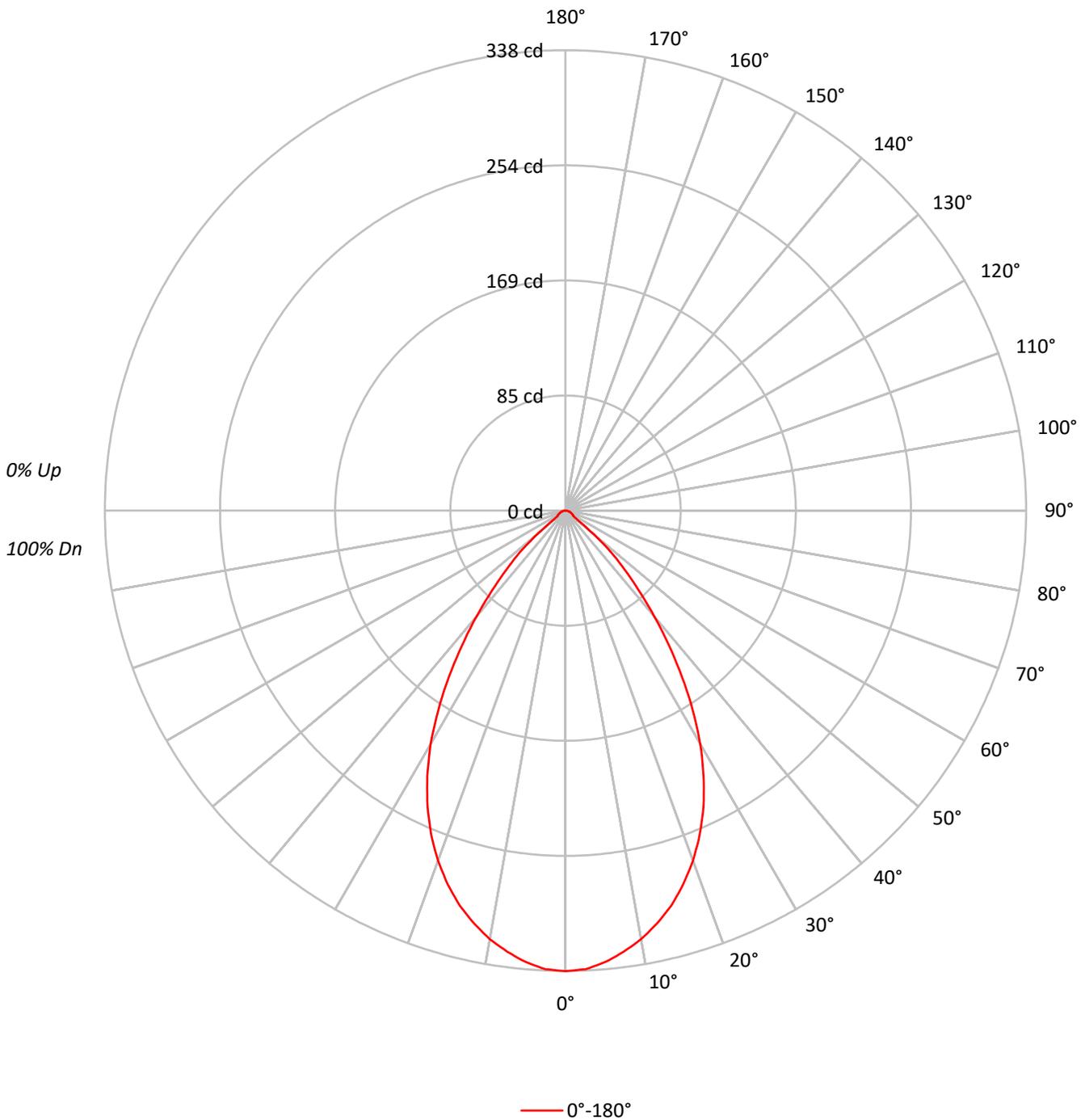
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 383.0 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
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	100	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	96	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74139
5°	73255
10°	71141
15°	68128
20°	63822
25°	57971
30°	50084
35°	39913
40°	29083
45°	19103
50°	8938
55°	2753
60°	2675
65°	2542
70°	2436
75°	2542
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19103 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.3	8.2
10°-20°	84.0	21.9
20°-30°	109.2	28.5
30°-40°	92.6	24.2
40°-50°	47.8	12.5
50°-60°	9.2	2.4
60°-70°	5.0	1.3
70°-80°	3.0	0.8
80°-90°	0.9	0.2
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°	224.5	58.6
0°-40°	317.1	82.8
0°-60°	374.1	97.7
0°-90°	383.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	383.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	333	31
15°	300	84
25°	240	109
35°	149	93
45°	62	48
55°	7	9
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	338.1
2.5°	337.0
5°	332.8
7.5°	326.7
10°	319.5
12.5°	310.4
15°	300.1
17.5°	287.5
20°	273.5
22.5°	257.5
25°	239.6
27.5°	219.5
30°	197.8
32.5°	173.8
35°	149.1
37.5°	124.8
40°	101.6
42.5°	79.9
45°	61.6
47.5°	45.3
50°	26.2
52.5°	11.4
55°	7.2
57.5°	6.8
60°	6.1
62.5°	5.7
65°	4.9
67.5°	4.6
70°	3.8
72.5°	3.4
75°	3.0
77.5°	2.3
80°	1.9
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)