

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: P1284871

Luminaire Tested: P3AS13R30B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284871
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

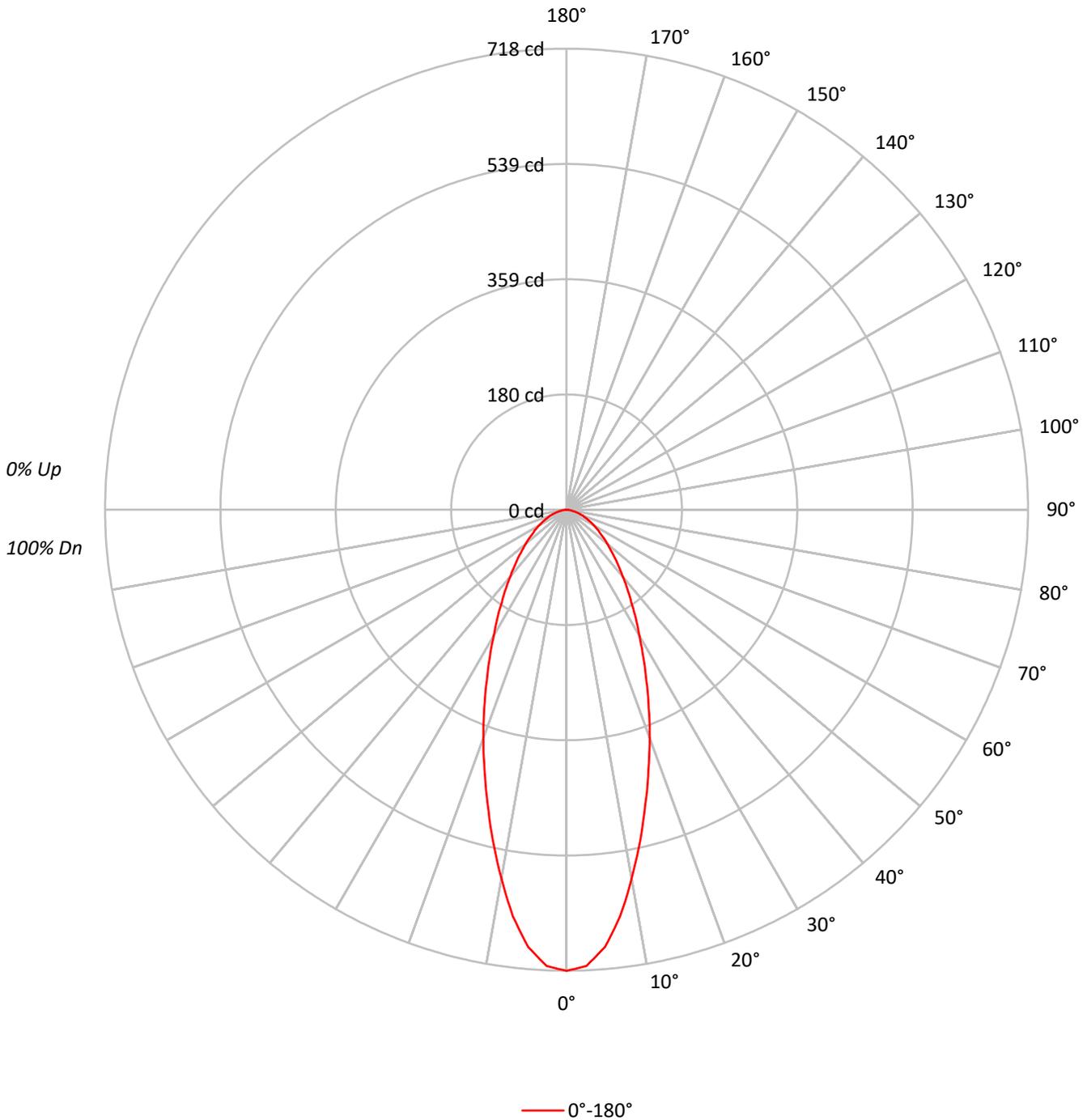
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 639.0 lumens
Efficiency: N/A
Efficacy: 33.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	50	45	42	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157465
5°	150495
10°	129813
15°	107606
20°	88208
25°	71109
30°	57300
35°	46953
40°	39016
45°	33058
50°	28281
55°	24467
60°	21840
65°	19042
70°	16734
75°	14064
80°	10481
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 33058 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	9.7
10°-20°	132.2	20.7
20°-30°	135.5	21.2
30°-40°	110.7	17.3
40°-50°	82.8	13.0
50°-60°	58.2	9.1
60°-70°	36.6	5.7
70°-80°	17.6	2.8
80°-90°	3.4	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°	329.6	51.6
0°-40°	440.4	68.9
0°-60°	581.4	91.0
0°-90°	639.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	639.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	718	
5°	684	62
15°	474	132
25°	294	135
35°	175	111
45°	107	83
55°	64	58
65°	37	37
75°	17	18
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	718.1
2.5°	711.0
5°	683.7
7.5°	638.7
10°	583.0
12.5°	528.5
15°	474.0
17.5°	424.2
20°	378.0
22.5°	334.2
25°	293.9
27.5°	258.3
30°	226.3
32.5°	200.3
35°	175.4
37.5°	155.2
40°	136.3
42.5°	120.9
45°	106.6
47.5°	93.6
50°	82.9
52.5°	73.5
55°	64.0
57.5°	56.9
60°	49.8
62.5°	42.7
65°	36.7
67.5°	30.8
70°	26.1
72.5°	21.3
75°	16.6
77.5°	11.8
80°	8.3
82.5°	4.7
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)