

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: P1284876

Luminaire Tested: P3AS13R30B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

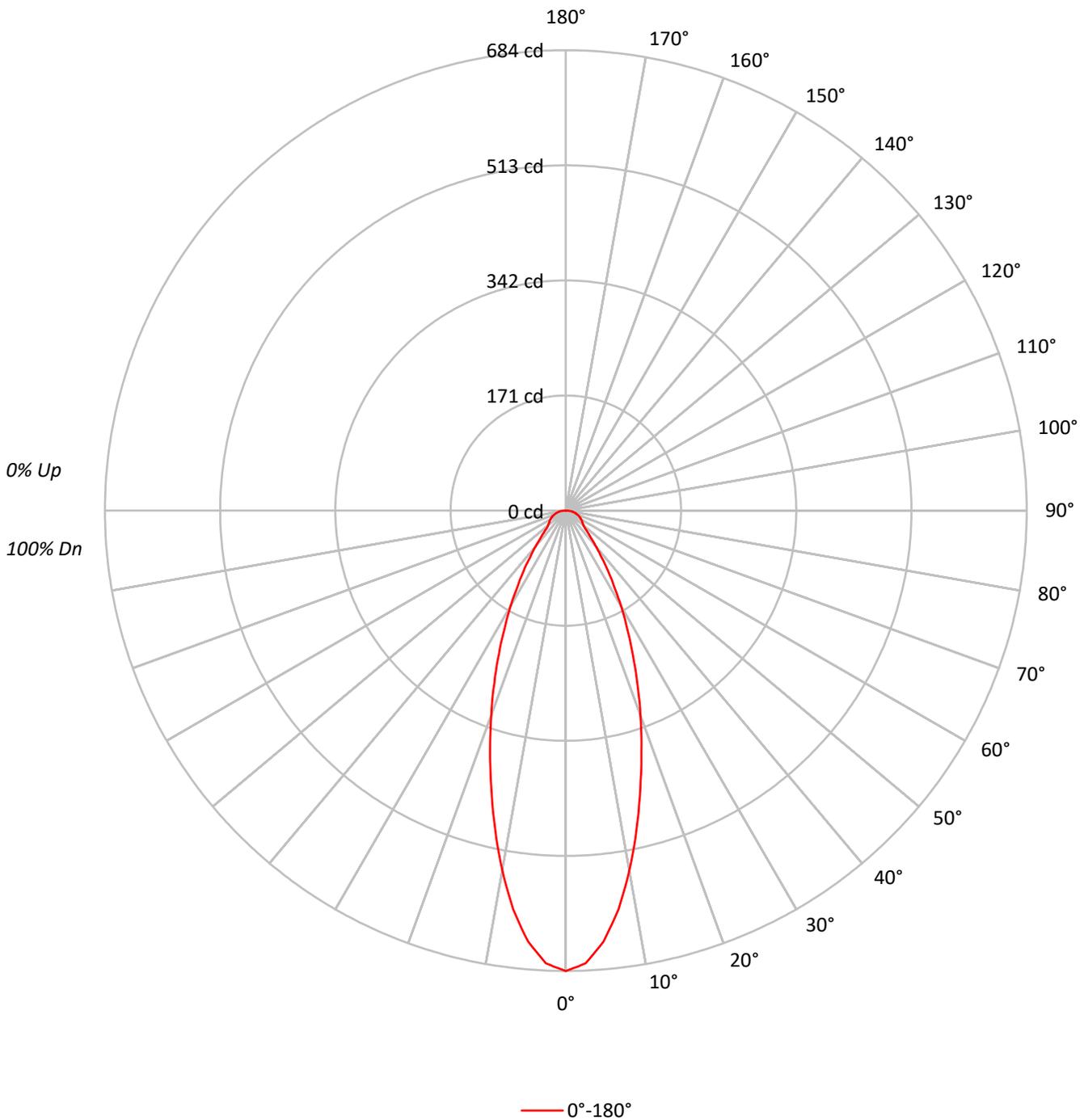
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 462.0 lumens
Efficiency: N/A
Efficacy: 24.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
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	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59				59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55				55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51				51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150010
5°	141448
10°	120906
15°	96890
20°	75537
25°	56786
30°	41424
35°	29205
40°	20009
45°	14327
50°	11735
55°	11316
60°	11446
65°	11674
70°	12182
75°	13047
80°	13512
85°	14844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 15960 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.1	12.6
10°-20°	118.6	25.7
20°-30°	108.1	23.4
30°-40°	68.8	14.9
40°-50°	36.8	8.0
50°-60°	26.9	5.8
60°-70°	22.6	4.9
70°-80°	15.8	3.4
80°-90°	6.3	1.4
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°	284.8	61.6
0°-40°	353.6	76.5
0°-60°	417.3	90.3
0°-90°	462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	462.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	684	
5°	643	58
15°	427	119
25°	235	108
35°	109	69
45°	46	37
55°	30	27
65°	22	23
75°	15	16
85°	6	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	684.1
2.5°	673.4
5°	642.6
7.5°	597.5
10°	543.0
12.5°	484.9
15°	426.8
17.5°	373.5
20°	323.7
22.5°	277.4
25°	234.7
27.5°	196.8
30°	163.6
32.5°	132.8
35°	109.1
37.5°	86.5
40°	69.9
42.5°	55.7
45°	46.2
47.5°	37.9
50°	34.4
52.5°	32.0
55°	29.6
57.5°	28.5
60°	26.1
62.5°	24.9
65°	22.5
67.5°	21.3
70°	19.0
72.5°	16.6
75°	15.4
77.5°	13.0
80°	10.7
82.5°	9.5
85°	5.9
87.5°	2.4
90°	0.0

(END OF REPORT)