

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: P1284875

Luminaire Tested: P3AS13R30B2750DE010 E3PHLP1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284875
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_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

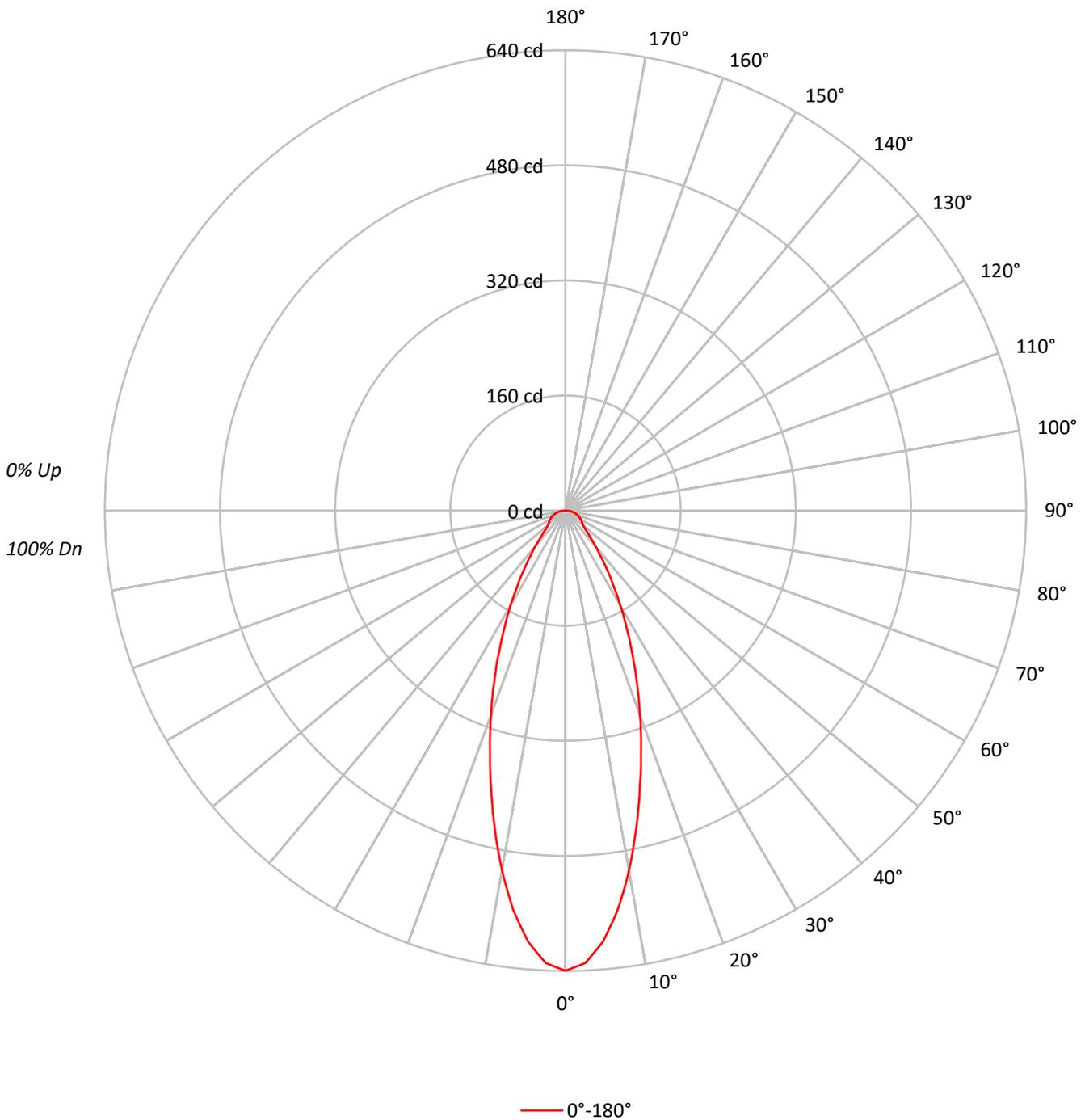
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 432.0 lumens
Efficiency: N/A
Efficacy: 22.6 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	75	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	57	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°	140252
5°	132247
10°	113046
15°	90602
20°	70613
25°	53108
30°	38740
35°	27305
40°	18721
45°	13397
50°	10951
55°	10590
60°	10701
65°	10948
70°	11348
75°	12200
80°	12628
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 14952 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.4	12.6
10°-20°	110.9	25.7
20°-30°	101.0	23.4
30°-40°	64.3	14.9
40°-50°	34.4	8.0
50°-60°	25.2	5.8
60°-70°	21.2	4.9
70°-80°	14.8	3.4
80°-90°	5.9	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°	266.3	61.6
0°-40°	330.6	76.5
0°-60°	390.2	90.3
0°-90°	432.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	432.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	640	
5°	601	54
15°	399	111
25°	220	101
35°	102	64
45°	43	34
55°	28	25
65°	21	21
75°	14	15
85°	6	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	639.6
2.5°	629.7
5°	600.8
7.5°	558.7
10°	507.7
12.5°	453.4
15°	399.1
17.5°	349.2
20°	302.6
22.5°	259.4
25°	219.5
27.5°	184.0
30°	153.0
32.5°	124.2
35°	102.0
37.5°	80.9
40°	65.4
42.5°	52.1
45°	43.2
47.5°	35.5
50°	32.1
52.5°	29.9
55°	27.7
57.5°	26.6
60°	24.4
62.5°	23.3
65°	21.1
67.5°	20.0
70°	17.7
72.5°	15.5
75°	14.4
77.5°	12.2
80°	10.0
82.5°	8.9
85°	5.5
87.5°	2.2
90°	0.0

(END OF REPORT)