

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: P1284346

Luminaire Tested: P3AS13R15B2750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284346
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3DL1WH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

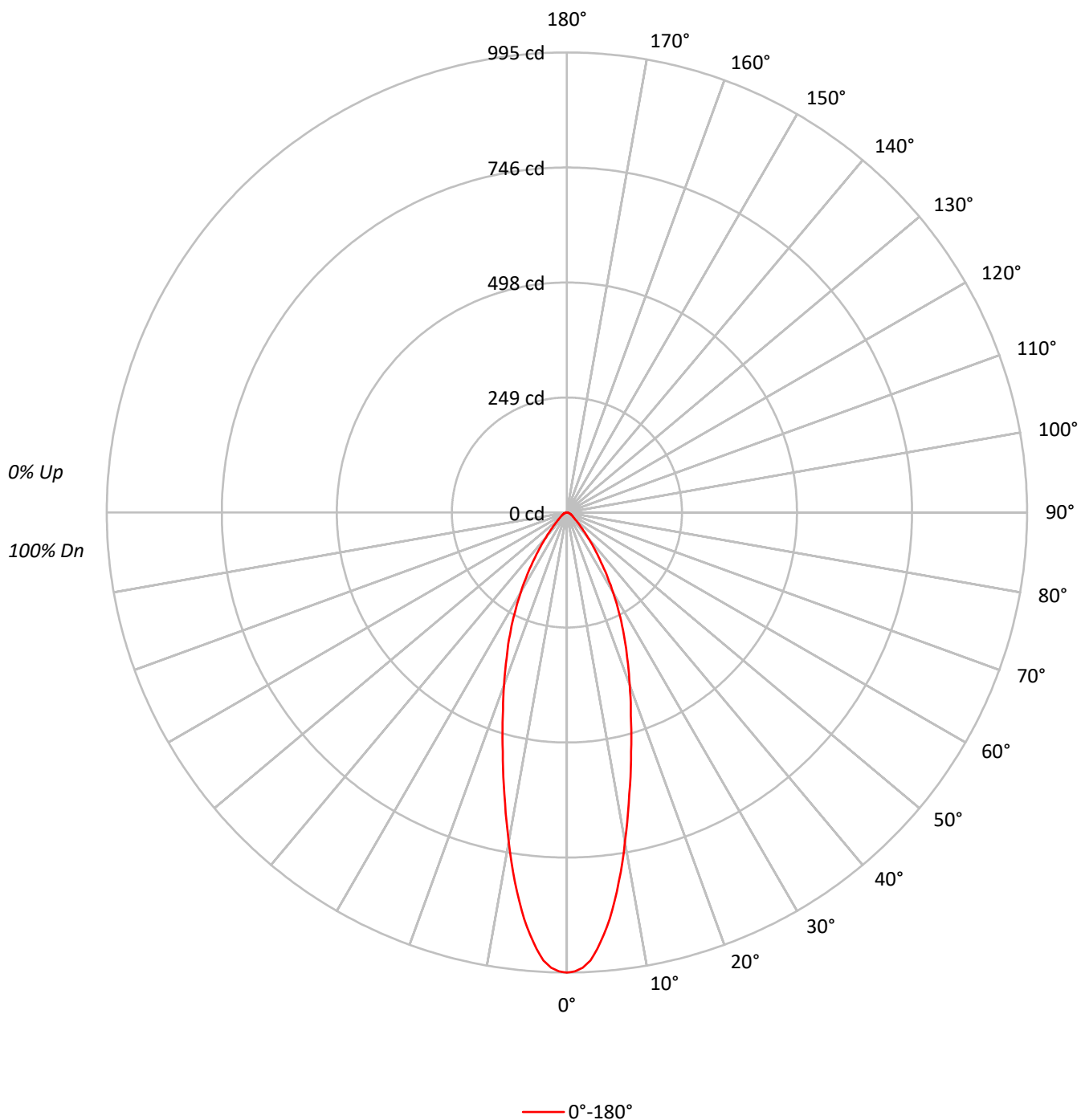
Lumens per Lamp: N/A
Luminaire Lumens: 506.0 lumens
Efficiency: N/A
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	218206
5°	201672
10°	161008
15°	121613
20°	92618
25°	70577
30°	50565
35°	33006
40°	20238
45°	12218
50°	8119
55°	6270
60°	5394
65°	4670
70°	4231
75°	4151
80°	3157
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.2	16.0
10°-20°	149.7	29.6
20°-30°	133.3	26.3
30°-40°	78.9	15.6
40°-50°	32.4	6.4
50°-60°	15.2	3.0
60°-70°	9.2	1.8
70°-80°	4.9	1.0
80°-90°	1.2	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°	364.2	72.0
0°-40°	443.1	87.6
0°-60°	490.6	97.0
0°-90°	506.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	506.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	995	
5°	916	81
15°	536	150
25°	292	133
35°	123	79
45°	39	32
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	995.1
1°	992.6
2°	985.2
3°	970.4
4°	945.8
5°	916.2
6°	884.1
7°	846.3
8°	806.9
9°	766.6
10°	723.1
12.5°	623.7
15°	535.7
17.5°	460.1
20°	396.9
22.5°	341.0
25°	291.7
27.5°	244.0
30°	199.7
32.5°	159.4
35°	123.3
37.5°	94.5
40°	70.7
42.5°	52.6
45°	39.4
47.5°	30.4
50°	23.8
52.5°	19.7
55°	16.4
57.5°	14.0
60°	12.3
62.5°	10.7
65°	9.0
67.5°	8.2
70°	6.6
72.5°	5.8
75°	4.9
77.5°	3.3
80°	2.5
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)