

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: P1284616

Luminaire Tested: P3AS13R25B2750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R25B2750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

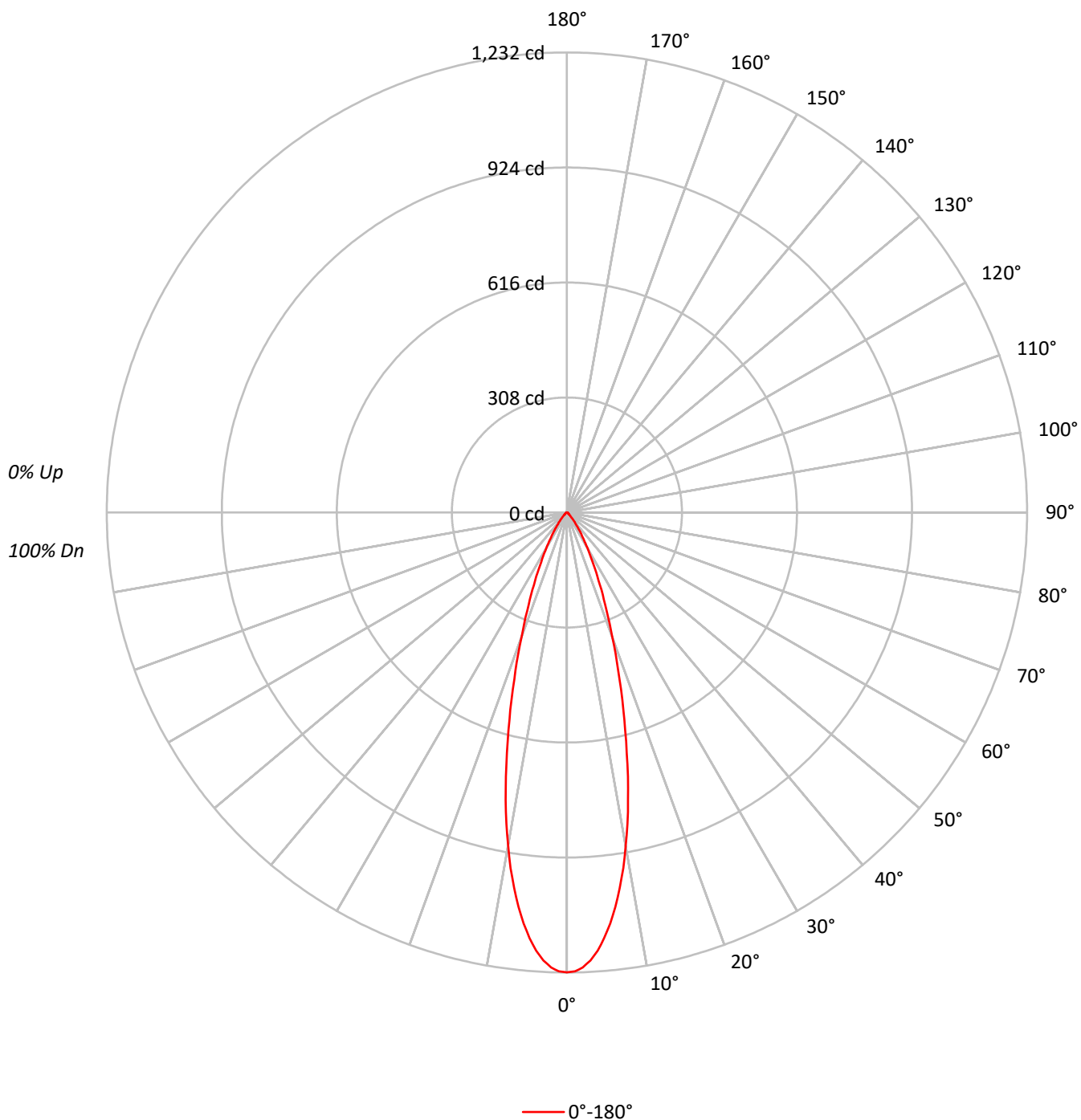
Lumens per Lamp: N/A
Luminaire Lumens: 421.0 lumens
Efficiency: N/A
Efficacy: 22.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	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	102	102	102	102	102	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	99	99	98	97	97	98	99	99	98	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	92	93	95	93	92	92	93	95	95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	87	89	91	89	87	87	89	91	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	83	87	88	85	83	83	87	88	85	83	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	79	85	85	82	79	79	85	85	82	79	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	76	82	82	78	76	76	82	82	78	76	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	73	79	79	75	73	73	79	79	75	73	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	70	76	76	73	70	70	76	76	73	70	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	67	73	73	70	67	67	73	73	70	67	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	65	71	71	67	65	65	71	71	67	65	64	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	270066
5°	251947
10°	201844
15°	137004
20°	82911
25°	48487
30°	27599
35°	15178
40°	8072
45°	4249
50°	2456
55°	1835
60°	1579
65°	1660
70°	1539
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4249 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.6	24.1
10°-20°	165.9	39.4
20°-30°	94.8	22.5
30°-40°	37.4	8.9
40°-50°	11.5	2.7
50°-60°	4.5	1.1
60°-70°	3.0	0.7
70°-80°	1.7	0.4
80°-90°	0.5	0.1
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°	362.3	86.1
0°-40°	399.7	95.0
0°-60°	415.7	98.8
0°-90°	421.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1232	
5°	1145	102
15°	604	166
25°	200	95
35°	57	37
45°	14	11
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1231.6
1°	1229.1
2°	1219.1
3°	1201.4
4°	1176.8
5°	1144.6
6°	1106.8
7°	1064.2
8°	1014.7
9°	964.0
10°	906.5
11°	849.7
12°	787.4
13°	725.8
14°	662.6
15°	603.5
17.5°	467.9
20°	355.3
22.5°	266.7
25°	200.4
27.5°	148.5
30°	109.0
32.5°	78.9
35°	56.7
37.5°	40.2
40°	28.2
42.5°	19.3
45°	13.7
47.5°	9.7
50°	7.2
52.5°	5.6
55°	4.8
57.5°	4.4
60°	3.6
62.5°	3.2
65°	3.2
67.5°	2.8
70°	2.4
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)