

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: P1284628

Luminaire Tested: P3AS13R25B2750DE010 E3DL1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284628
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 E3DL1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

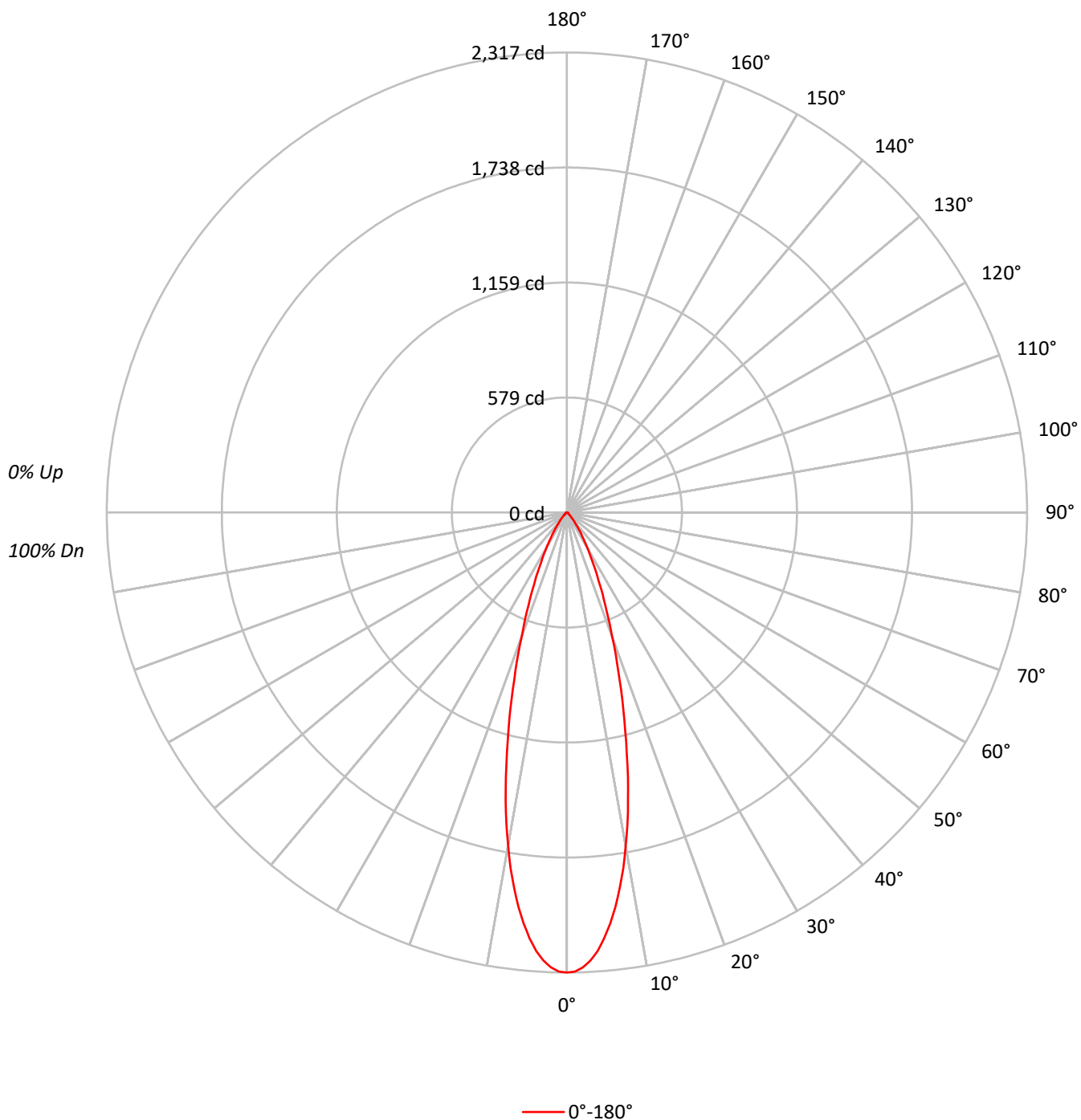
Lumens per Lamp: N/A
Luminaire Lumens: 792.0 lumens
Efficiency: N/A
Efficacy: 41.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	99	98	97	95	94	93	92	91	90	89	88
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93	92	91	90	89	88	87	86	85	84
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88	87	86	85	84	83	82	81	80	79
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84	83	82	81	80	79	78	77	76	75
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80	79	78	77	76	75	74	73	72	71
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76	75	74	73	72	71	70	69	68	67
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	74	73	72	71	70	69	68	67	66	65	64
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	71	70	69	68	67	66	65	64	63	62	61
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	68	67	66	65	64	63	62	61	60	59	58
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	65	64	63	62	61	60	59	58	57	56	55
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	63	62	61	60	59	58	57	56	55	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	508029
5°	474003
10°	379708
15°	257731
20°	155950
25°	91191
30°	51932
35°	28563
40°	15171
45°	7970
50°	4640
55°	3479
60°	2982
65°	3165
70°	2885
75°	2542
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7970 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.1	24.1
10°-20°	312.1	39.4
20°-30°	178.4	22.5
30°-40°	70.4	8.9
40°-50°	21.6	2.7
50°-60°	8.5	1.1
60°-70°	5.7	0.7
70°-80°	3.2	0.4
80°-90°	1.0	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°	681.6	86.1
0°-40°	752.0	94.9
0°-60°	782.1	98.7
0°-90°	792.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2317	
5°	2153	191
15°	1135	312
25°	377	178
35°	107	70
45°	26	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2316.8
1°	2312.3
2°	2293.4
3°	2260.1
4°	2213.9
5°	2153.4
6°	2082.2
7°	2002.0
8°	1908.9
9°	1813.5
10°	1705.3
11°	1598.6
12°	1481.2
13°	1365.4
14°	1246.6
15°	1135.3
17.5°	880.3
20°	668.3
22.5°	501.8
25°	376.9
27.5°	279.3
30°	205.1
32.5°	148.4
35°	106.7
37.5°	75.7
40°	53.0
42.5°	36.3
45°	25.7
47.5°	18.2
50°	13.6
52.5°	10.6
55°	9.1
57.5°	8.3
60°	6.8
62.5°	6.1
65°	6.1
67.5°	5.3
70°	4.5
72.5°	3.8
75°	3.0
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)