

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: P1284637

Luminaire Tested: P3AS13R25B2750DE010 E3DL1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284637
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 E3DL1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

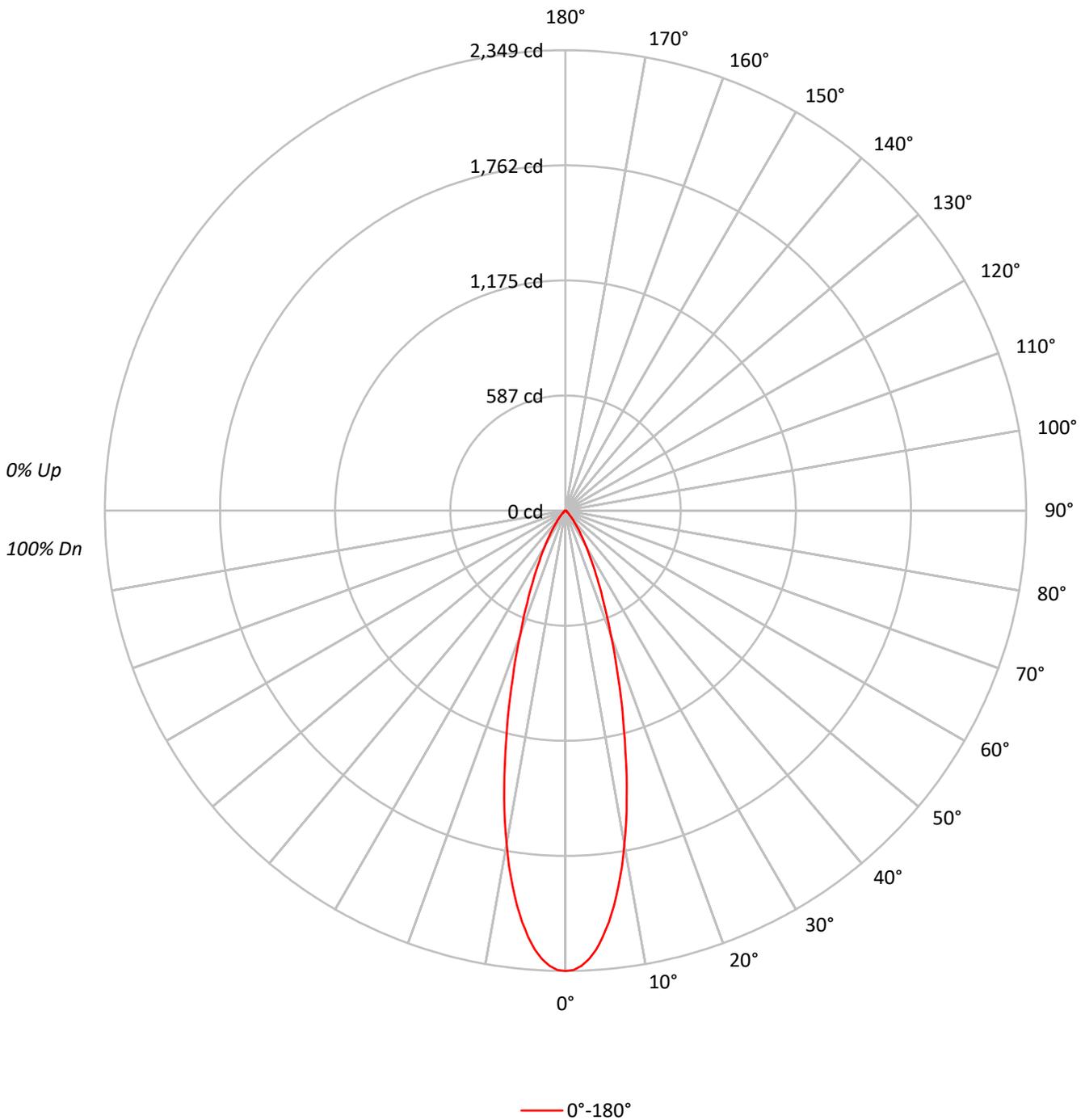
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 803.0 lumens
Efficiency: N/A
Efficacy: 42.0 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					
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	90	87	84	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	88	85	83	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	88	85	83	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	88	85	83	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	88	85	83	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	88	85	83	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	88	85	83	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	515090
5°	480584
10°	384985
15°	261318
20°	158120
25°	92473
30°	52666
35°	28964
40°	15372
45°	8094
50°	4708
55°	3517
60°	3026
65°	3165
70°	2949
75°	2626
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8094 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.7	24.1
10°-20°	316.5	39.4
20°-30°	180.8	22.5
30°-40°	71.4	8.9
40°-50°	21.9	2.7
50°-60°	8.6	1.1
60°-70°	5.8	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°	691.1	86.1
0°-40°	762.4	95.0
0°-60°	792.9	98.7
0°-90°	803.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	803.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2349	
5°	2183	194
15°	1151	316
25°	382	181
35°	108	71
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°	2349.0
1°	2344.4
2°	2325.2
3°	2291.5
4°	2244.7
5°	2183.3
6°	2111.1
7°	2029.8
8°	1935.4
9°	1838.7
10°	1729.0
11°	1620.8
12°	1501.8
13°	1384.4
14°	1263.9
15°	1151.1
17.5°	892.5
20°	677.6
22.5°	508.8
25°	382.2
27.5°	283.2
30°	208.0
32.5°	150.4
35°	108.2
37.5°	76.7
40°	53.7
42.5°	36.8
45°	26.1
47.5°	18.4
50°	13.8
52.5°	10.7
55°	9.2
57.5°	8.4
60°	6.9
62.5°	6.1
65°	6.1
67.5°	5.4
70°	4.6
72.5°	3.8
75°	3.1
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):



(END OF REPORT)