

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: P1284587

Luminaire Tested: P3AS13R25B2750DE010 E3D1H_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284587
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R25B2750DE010 E3D1H_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

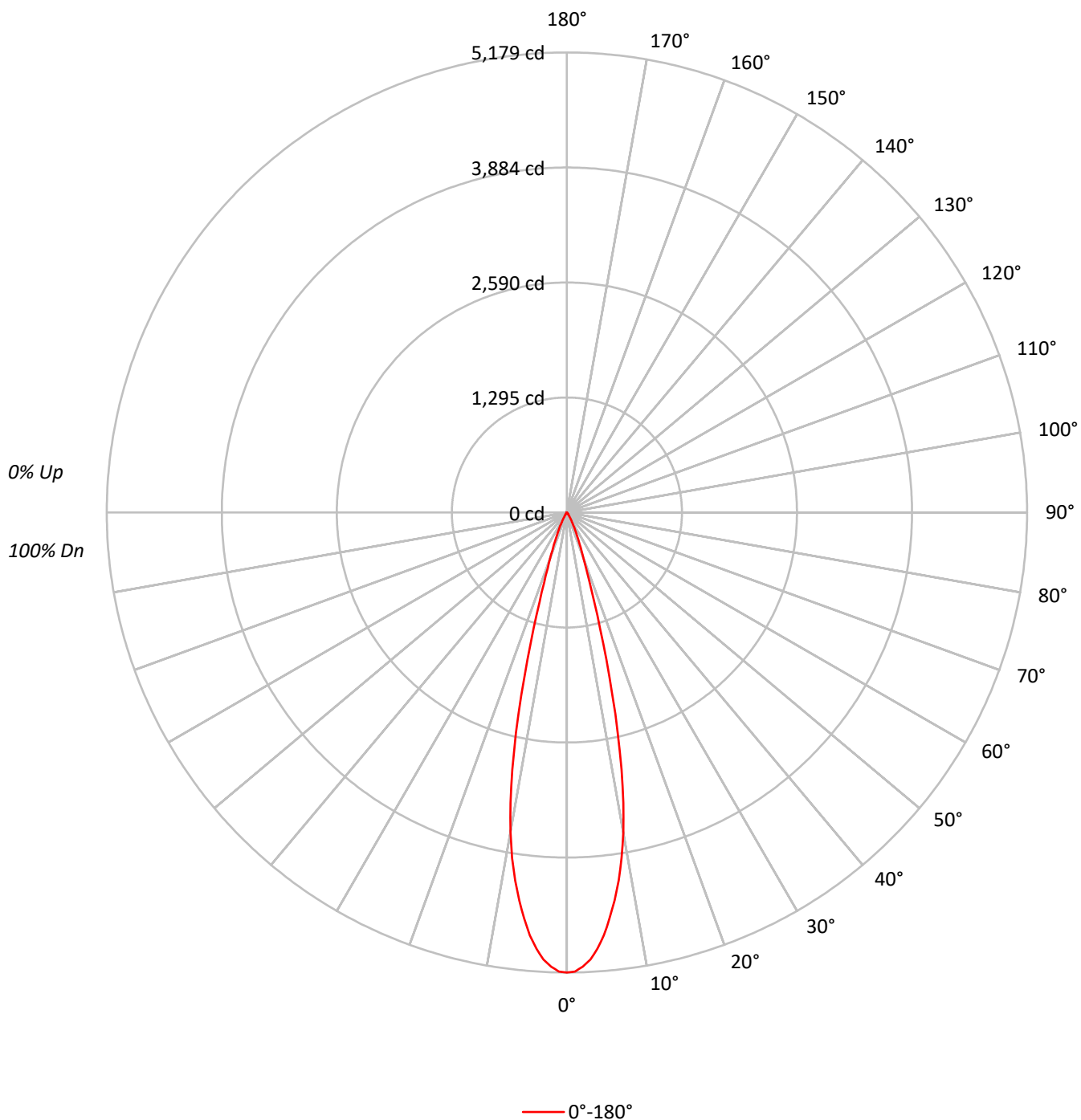
Lumens per Lamp: N/A
Luminaire Lumens: 1037.0 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1284587

CATALOG NUMBER: P3AS13R25B2750DE010 E3D1H_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1284587

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
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	99	99
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	96	96
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	86	86
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	84	84
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	82	82
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	80	80
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	78	78
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1135698
5°	1052077
10°	813991
15°	388788
20°	128181
25°	54027
30°	20940
35°	9048
40°	3006
45°	1395
50°	512
55°	306
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1395 cd/sqm

TEST NUMBER: P1284587

CATALOG NUMBER: P3AS13R25B2750DE010 E3D1H_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	420.1	40.5
10°-20°	477.8	46.1
20°-30°	111.0	10.7
30°-40°	23.3	2.2
40°-50°	3.8	0.4
50°-60°	0.7	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1009.0	97.3
0°-40°	1032.3	99.5
0°-60°	1036.7	100.0
0°-90°	1037.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1037.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5179	
5°	4780	420
15°	1713	478
25°	223	111
35°	34	23
45°	4	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1284587

CATALOG NUMBER: P3AS13R25B2750DE010 E3D1H_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	5179.2
1°	5168.7
2°	5115.0
3°	5039.4
4°	4923.9
5°	4779.6
6°	4594.2
7°	4400.2
8°	4182.5
9°	3937.0
10°	3655.7
11°	3329.8
12°	2955.6
13°	2545.8
14°	2117.2
15°	1712.6
16°	1354.7
17°	1055.4
18°	830.2
19°	664.0
20°	549.3
21°	459.1
22°	385.4
23°	321.8
24°	269.2
25°	223.3
27.5°	132.3
30°	82.7
32.5°	53.0
35°	33.8
37.5°	20.3
40°	10.5
42.5°	6.8
45°	4.5
47.5°	2.6
50°	1.5
52.5°	0.8
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.0
72.5°	0.0



TEST NUMBER: P1284587

CATALOG NUMBER: P3AS13R25B2750DE010 E3D1H_2700K

CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)