

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: P1285382

Luminaire Tested: P3AS13R50B2750DE010 E3DLD1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285382
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50B2750DE010 E3DLD1LI_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

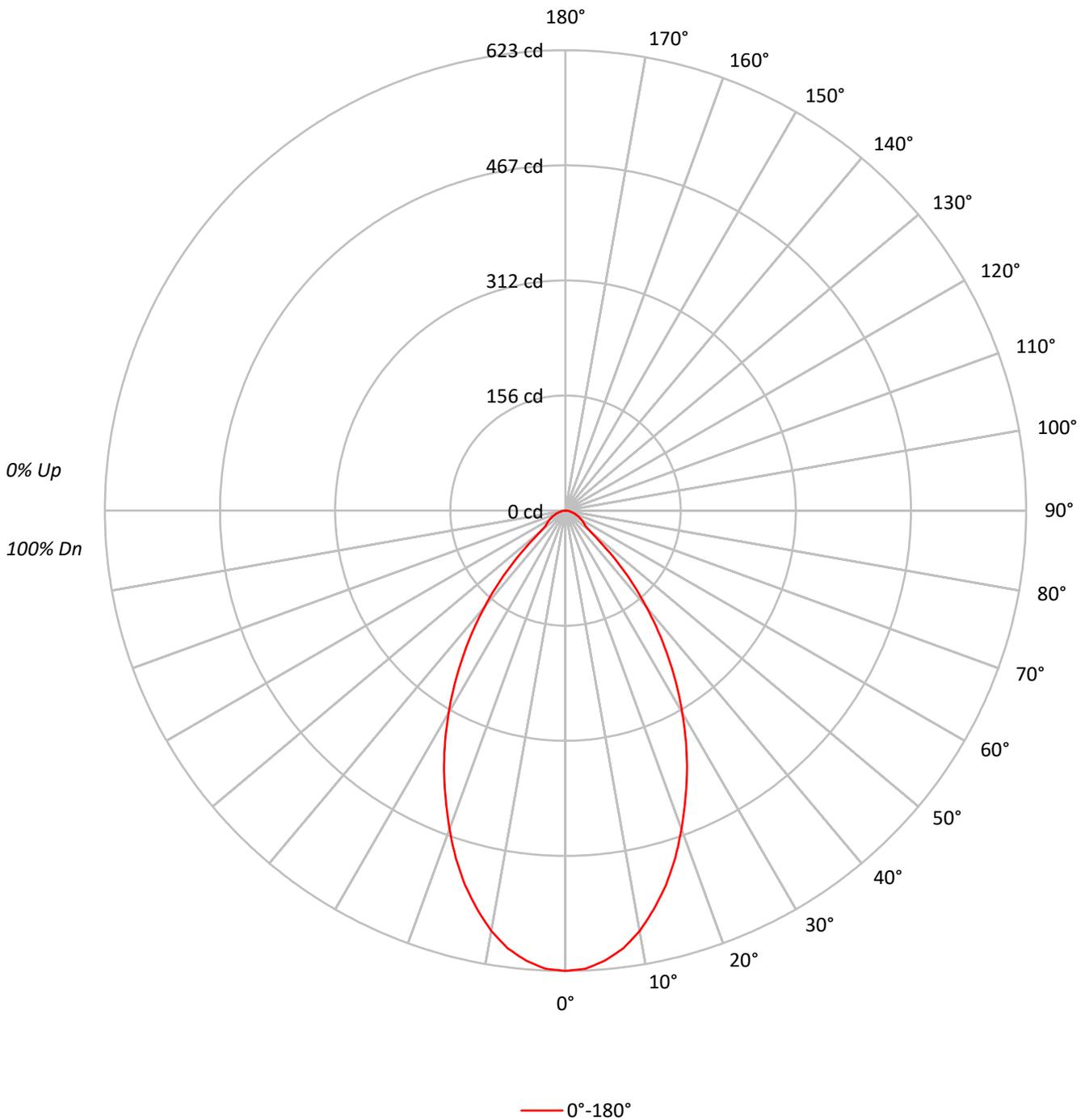
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 672.0 lumens
Efficiency: N/A
Efficacy: 35.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
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: P1285382
CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1LI_2700K

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			100
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	136568
5°	134558
10°	128588
15°	119093
20°	107016
25°	94094
30°	80012
35°	64889
40°	48748
45°	31383
50°	14908
55°	11737
60°	11096
65°	10325
70°	9361
75°	8472
80°	7703
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 31383 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.3	8.5
10°-20°	146.3	21.8
20°-30°	177.7	26.4
30°-40°	150.7	22.4
40°-50°	78.3	11.7
50°-60°	28.2	4.2
60°-70°	19.5	2.9
70°-80°	10.6	1.6
80°-90°	3.3	0.5
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°	381.3	56.7
0°-40°	532.0	79.2
0°-60°	638.5	95.0
0°-90°	672.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	672.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	623	
5°	611	57
15°	525	146
25°	389	178
35°	242	151
45°	101	78
55°	31	28
65°	20	20
75°	10	11
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	622.8
2.5°	620.5
5°	611.3
7.5°	597.5
10°	577.5
12.5°	552.2
15°	524.6
17.5°	493.2
20°	458.6
22.5°	423.4
25°	388.9
27.5°	352.8
30°	316.0
32.5°	279.2
35°	242.4
37.5°	206.3
40°	170.3
42.5°	135.8
45°	101.2
47.5°	67.5
50°	43.7
52.5°	33.7
55°	30.7
57.5°	27.6
60°	25.3
62.5°	22.2
65°	19.9
67.5°	16.9
70°	14.6
72.5°	12.3
75°	10.0
77.5°	7.7
80°	6.1
82.5°	4.6
85°	3.1
87.5°	1.5
90°	0.0

(END OF REPORT)