

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: P1285816

Luminaire Tested: P3AS13R65B2750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285816
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R65B2750DE010 E3DLD1H_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

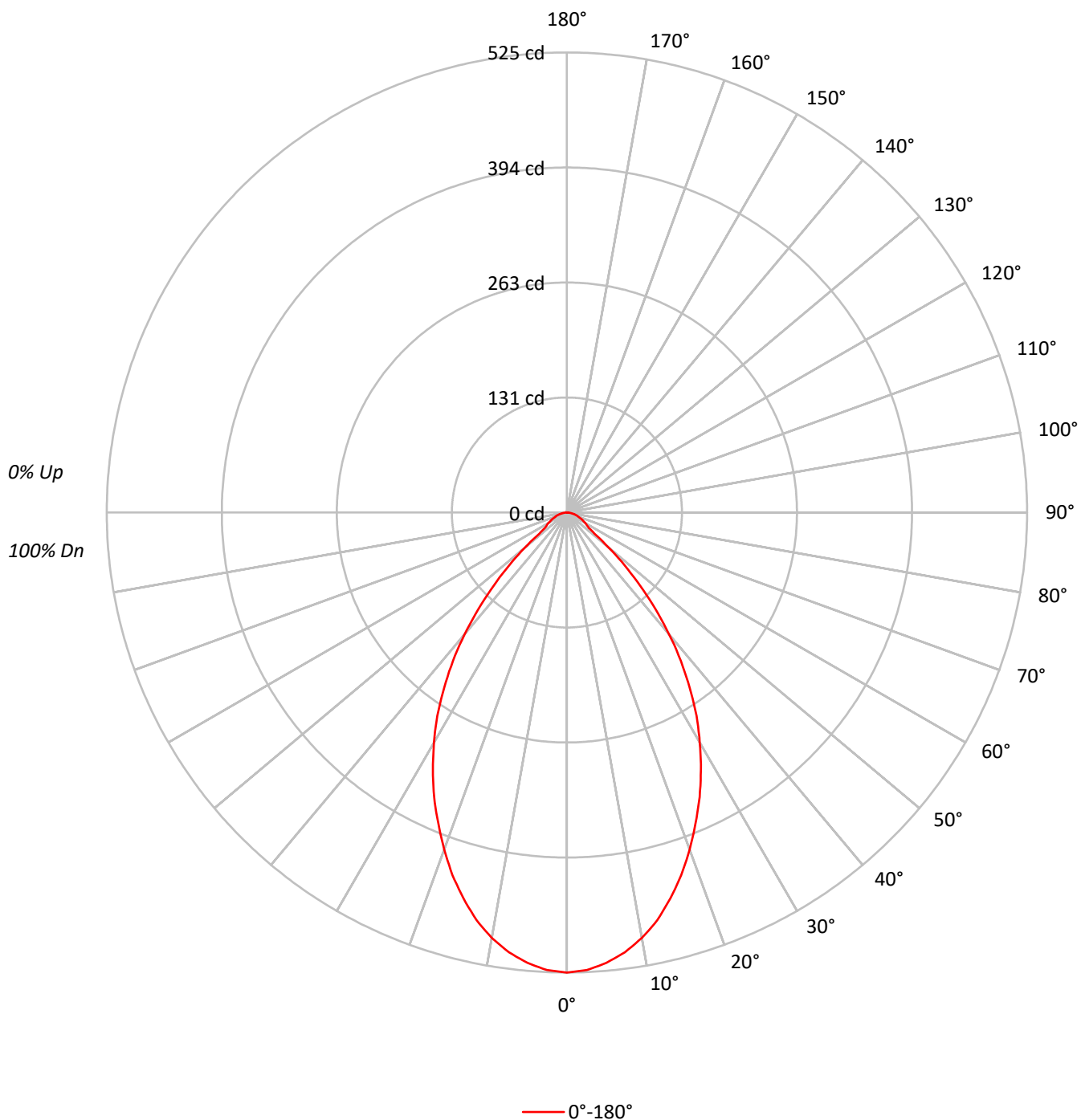
Lumens per Lamp: N/A
Luminaire Lumens: 647.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115144
5°	113581
10°	109773
15°	103519
20°	95488
25°	86690
30°	76771
35°	65317
40°	51983
45°	36686
50°	21287
55°	11622
60°	10832
65°	9806
70°	8976
75°	8388
80°	7324
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36686 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.5	7.5
10°-20°	127.6	19.7
20°-30°	164.0	25.3
30°-40°	151.7	23.4
40°-50°	91.6	14.2
50°-60°	31.2	4.8
60°-70°	18.8	2.9
70°-80°	10.6	1.6
80°-90°	3.0	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°	340.1	52.6
0°-40°	491.8	76.0
0°-60°	614.5	95.0
0°-90°	647.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	647.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	525	
5°	516	49
15°	456	128
25°	358	164
35°	244	152
45°	118	92
55°	30	31
65°	19	19
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	525.1
2.5°	522.6
5°	516.0
7.5°	506.2
10°	493.0
12.5°	476.6
15°	456.0
17.5°	433.9
20°	409.2
22.5°	383.7
25°	358.3
27.5°	331.1
30°	303.2
32.5°	275.3
35°	244.0
37.5°	213.6
40°	181.6
42.5°	149.5
45°	118.3
47.5°	89.6
50°	62.4
52.5°	39.4
55°	30.4
57.5°	27.1
60°	24.7
62.5°	21.4
65°	18.9
67.5°	16.4
70°	14.0
72.5°	12.3
75°	9.9
77.5°	8.2
80°	5.8
82.5°	4.1
85°	2.5
87.5°	1.6
90°	0.0

(END OF REPORT)