

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: P1285825

Luminaire Tested: P3AS13R65B2750DE010 E3DLD1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285825
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 E3DLD1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 80CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

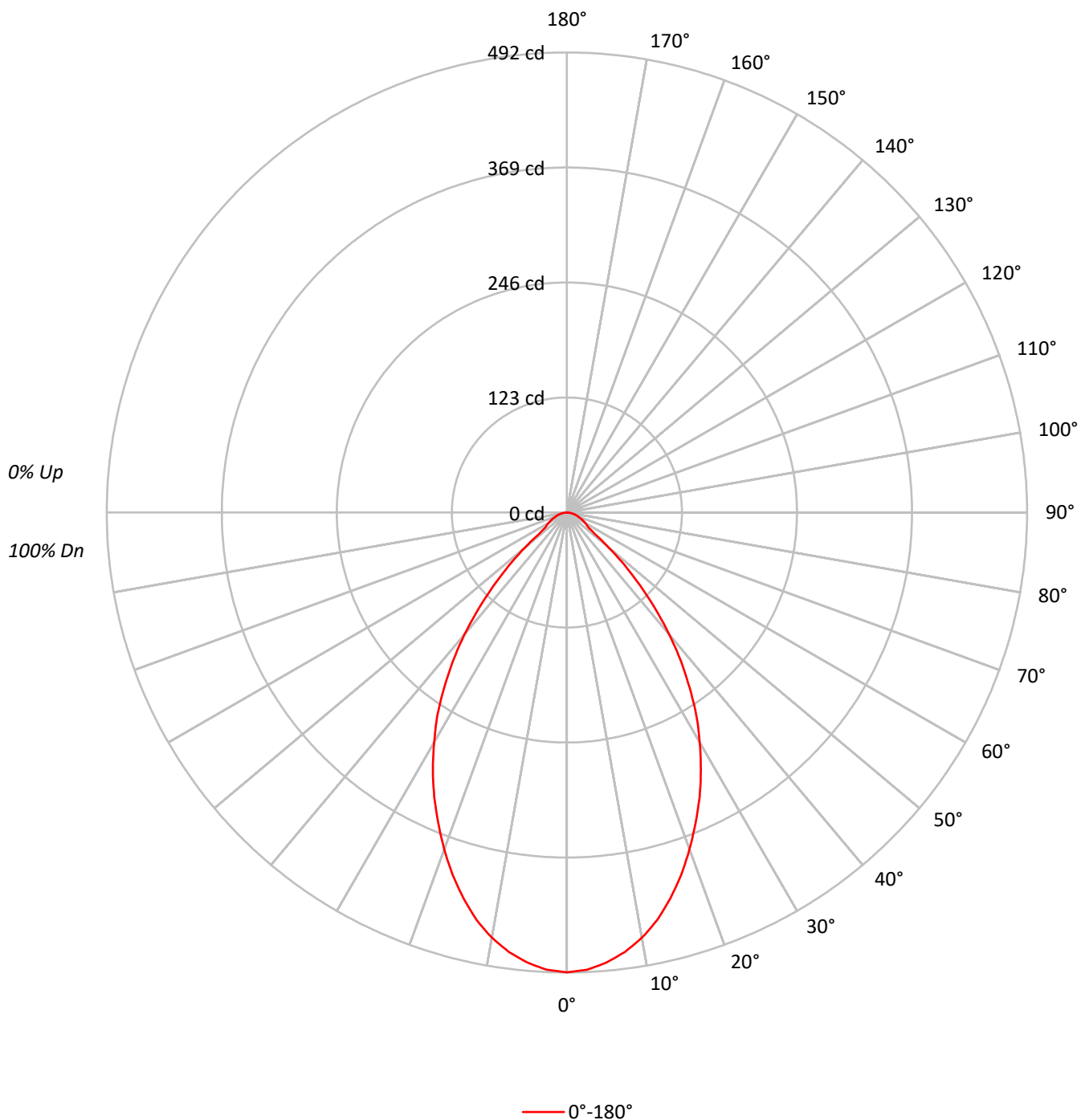
Lumens per Lamp: N/A
Luminaire Lumens: 606.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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°	107842
5°	106383
10°	102826
15°	96959
20°	89444
25°	81198
30°	71910
35°	61194
40°	48691
45°	34360
50°	19957
55°	10896
60°	10131
65°	9184
70°	8399
75°	7795
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34360 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.5	7.5
10°-20°	119.5	19.7
20°-30°	153.6	25.3
30°-40°	142.1	23.4
40°-50°	85.8	14.2
50°-60°	29.3	4.8
60°-70°	17.6	2.9
70°-80°	9.9	1.6
80°-90°	2.8	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°	318.5	52.6
0°-40°	460.6	76.0
0°-60°	575.6	95.0
0°-90°	606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	492	
5°	483	45
15°	427	120
25°	336	154
35°	229	142
45°	111	86
55°	28	29
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	491.8
2.5°	489.5
5°	483.3
7.5°	474.1
10°	461.8
12.5°	446.4
15°	427.1
17.5°	406.4
20°	383.3
22.5°	359.4
25°	335.6
27.5°	310.2
30°	284.0
32.5°	257.8
35°	228.6
37.5°	200.1
40°	170.1
42.5°	140.1
45°	110.8
47.5°	83.9
50°	58.5
52.5°	36.9
55°	28.5
57.5°	25.4
60°	23.1
62.5°	20.0
65°	17.7
67.5°	15.4
70°	13.1
72.5°	11.5
75°	9.2
77.5°	7.7
80°	5.4
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)