

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: P1284083

Luminaire Tested: P3AS09R65B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284083
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: P3AS09R65B2750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

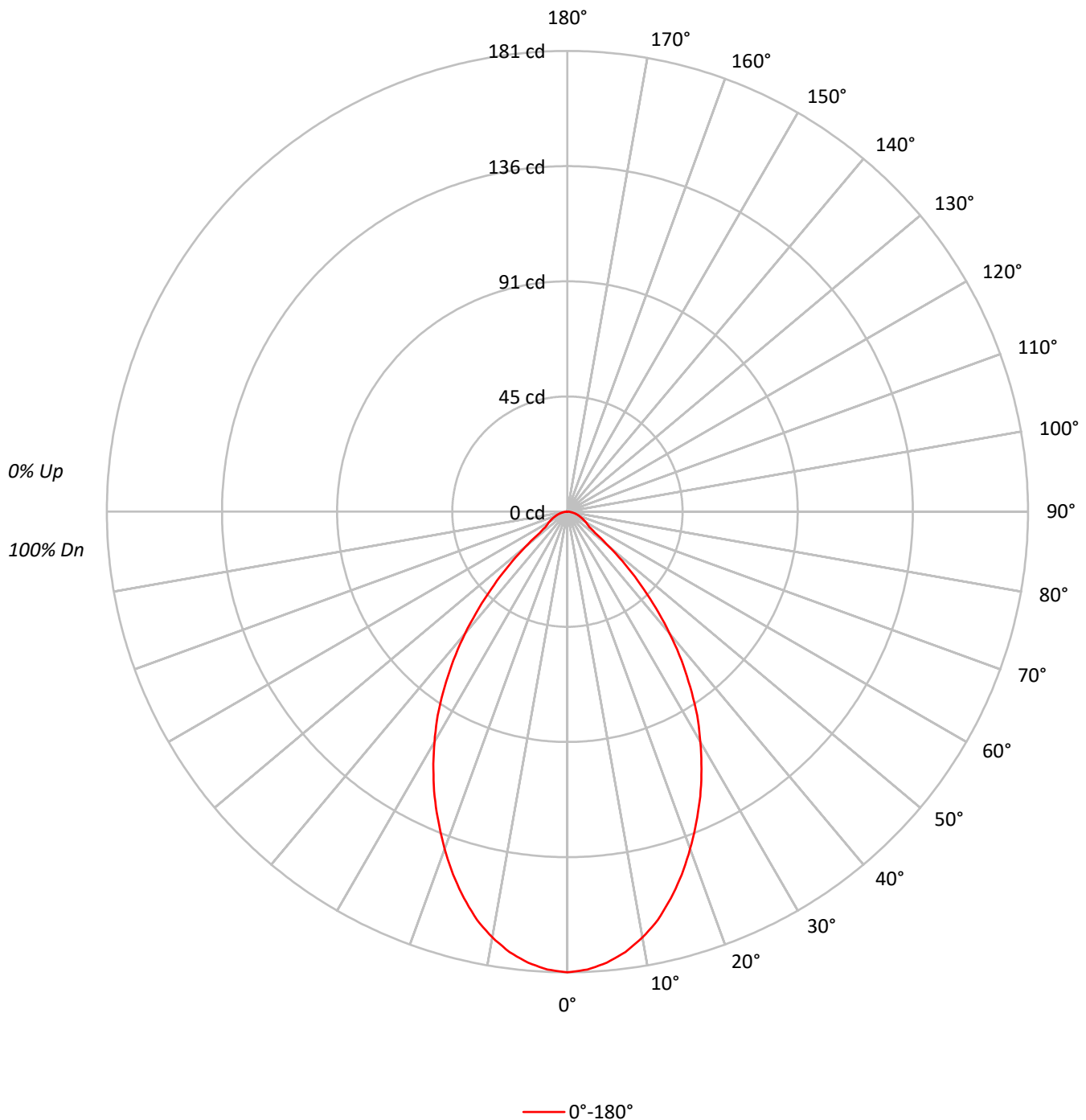
Lumens per Lamp: N/A
Luminaire Lumens: 223.0 lumens
Efficiency: N/A
Efficacy: 17.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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°	39690
5°	39159
10°	37831
15°	35687
20°	32903
25°	29881
30°	26460
35°	22513
40°	17919
45°	12652
50°	7335
55°	4014
60°	3728
65°	3373
70°	3077
75°	2881
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.7	7.5
10°-20°	44.0	19.7
20°-30°	56.5	25.3
30°-40°	52.3	23.4
40°-50°	31.6	14.2
50°-60°	10.8	4.8
60°-70°	6.5	2.9
70°-80°	3.6	1.6
80°-90°	1.0	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°	117.2	52.6
0°-40°	169.5	76.0
0°-60°	211.8	95.0
0°-90°	223.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	223.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	181	
5°	178	17
15°	157	44
25°	124	57
35°	84	52
45°	41	32
55°	10	11
65°	6	6
75°	3	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	181.0
2.5°	180.1
5°	177.9
7.5°	174.5
10°	169.9
12.5°	164.3
15°	157.2
17.5°	149.5
20°	141.0
22.5°	132.3
25°	123.5
27.5°	114.1
30°	104.5
32.5°	94.9
35°	84.1
37.5°	73.6
40°	62.6
42.5°	51.5
45°	40.8
47.5°	30.9
50°	21.5
52.5°	13.6
55°	10.5
57.5°	9.3
60°	8.5
62.5°	7.4
65°	6.5
67.5°	5.7
70°	4.8
72.5°	4.2
75°	3.4
77.5°	2.8
80°	2.0
82.5°	1.4
85°	0.8
87.5°	0.6
90°	0.0

(END OF REPORT)