

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: P1282331

Luminaire Tested: P3AS05R65B2750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282331
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R65B2750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

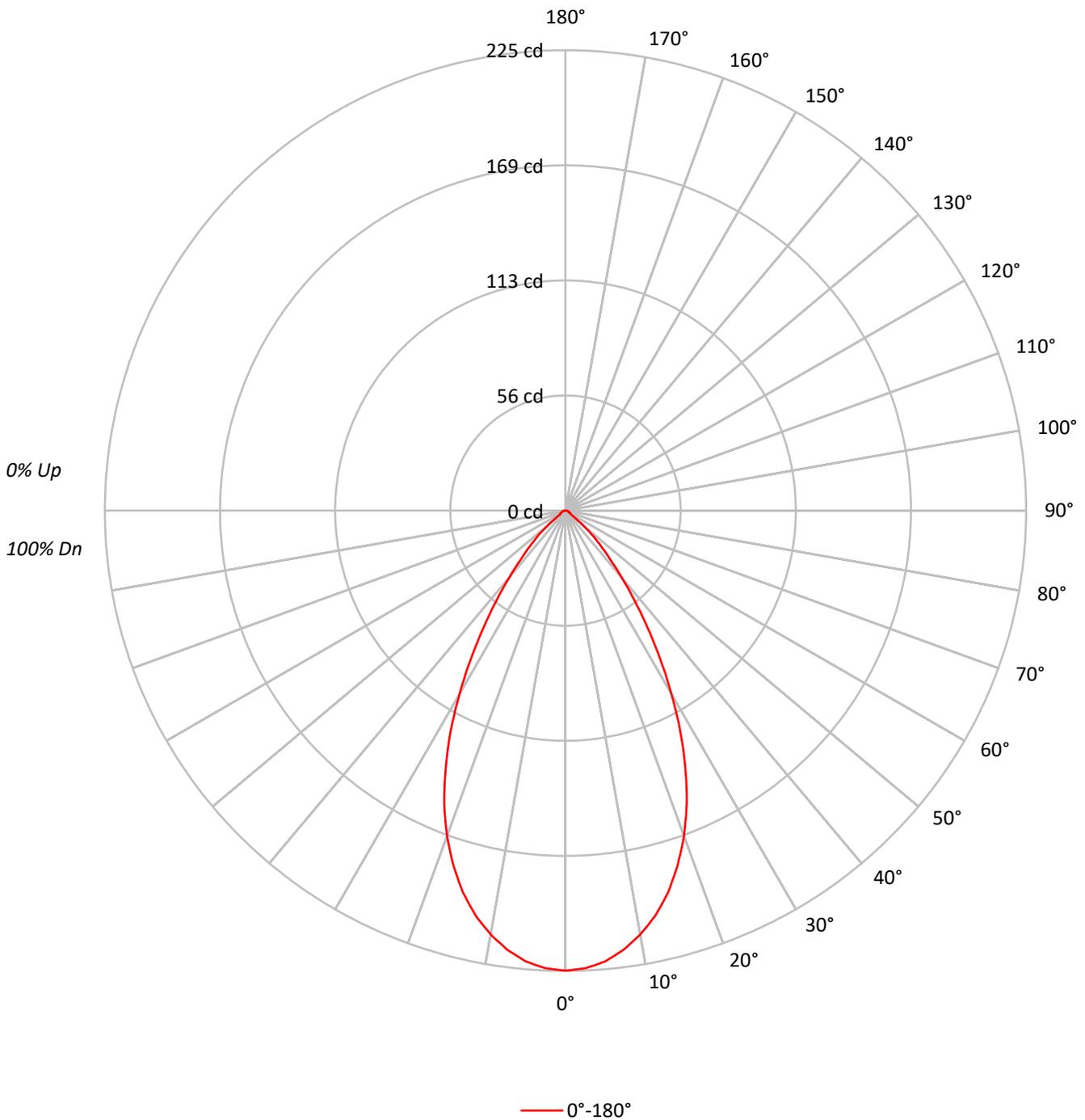
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 208.9 lumens
Efficiency: N/A
Efficacy: 35.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	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	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48			48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49294
5°	48690
10°	46848
15°	43882
20°	39483
25°	33510
30°	26207
35°	18685
40°	12223
45°	7567
50°	3821
55°	1338
60°	1184
65°	1193
70°	1090
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7567 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	9.9
10°-20°	53.8	25.8
20°-30°	62.9	30.1
30°-40°	43.9	21.0
40°-50°	19.3	9.3
50°-60°	4.3	2.0
60°-70°	2.2	1.1
70°-80°	1.3	0.6
80°-90°	0.4	0.2
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°	137.4	65.8
0°-40°	181.4	86.8
0°-60°	205.0	98.1
0°-90°	208.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	225	
5°	221	21
15°	193	54
25°	138	63
35°	70	44
45°	24	19
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	224.8
2.5°	223.9
5°	221.2
7.5°	216.6
10°	210.4
12.5°	202.7
15°	193.3
17.5°	181.9
20°	169.2
22.5°	154.8
25°	138.5
27.5°	121.4
30°	103.5
32.5°	86.2
35°	69.8
37.5°	55.4
40°	42.7
42.5°	32.3
45°	24.4
47.5°	17.9
50°	11.2
52.5°	5.8
55°	3.5
57.5°	3.1
60°	2.7
62.5°	2.5
65°	2.3
67.5°	1.9
70°	1.7
72.5°	1.5
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)