

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: P1282322

Luminaire Tested: P3AS05R65B2750DE010 E3D1WMH_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282322
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R65B2750DE010 E3D1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

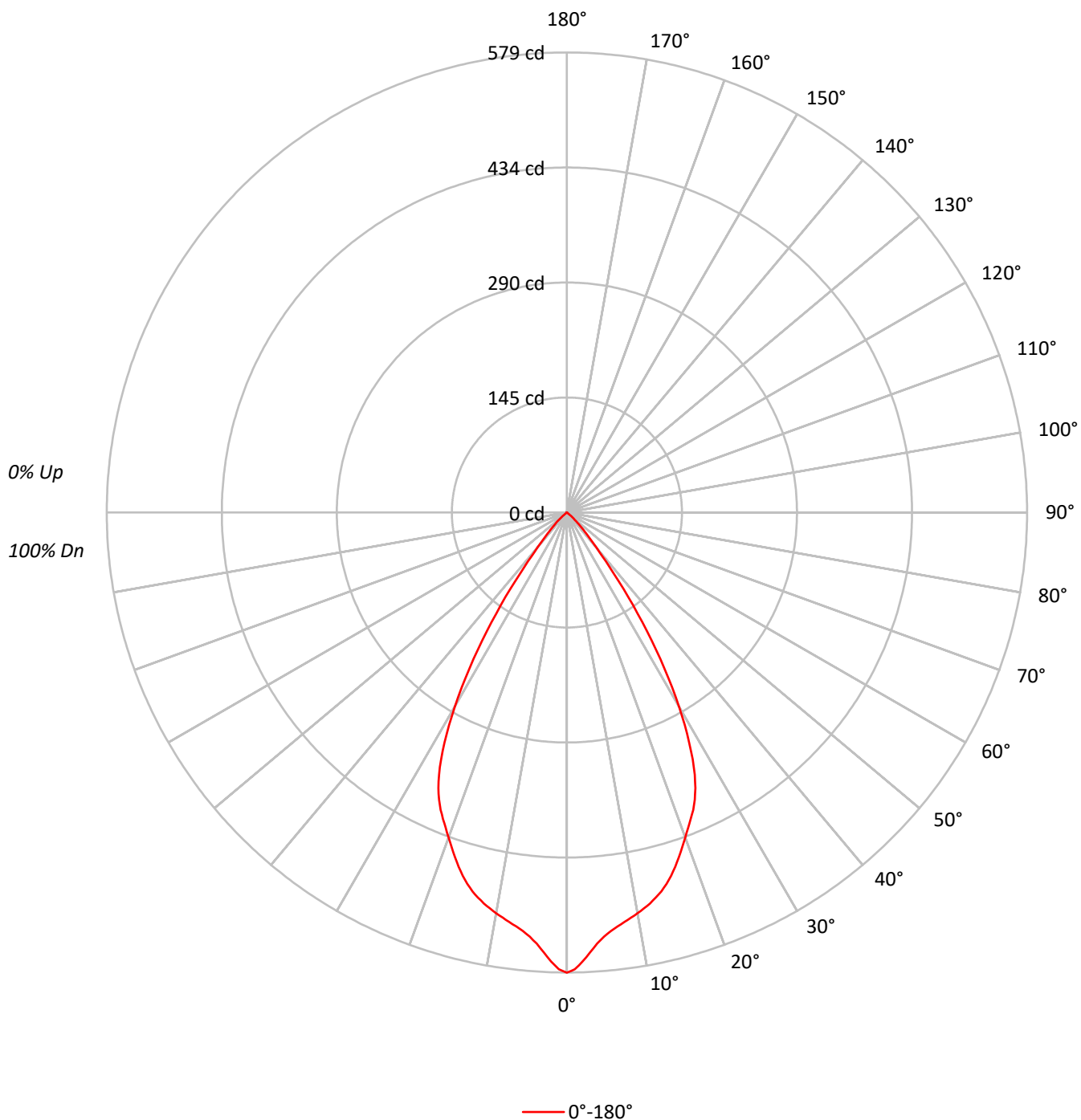
Lumens per Lamp: N/A
Luminaire Lumens: 474.0 lumens
Efficiency: N/A
Efficacy: 80.3 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77	77	77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72	72	72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	67	67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63	63	63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56	56	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	127007
5°	117939
10°	114048
15°	109898
20°	101602
25°	92570
30°	71530
35°	41466
40°	16459
45°	7008
50°	1672
55°	229
60°	175
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7008 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.5	10.7
10°-20°	134.9	28.5
20°-30°	170.7	36.0
30°-40°	97.2	20.5
40°-50°	19.3	4.1
50°-60°	1.0	0.2
60°-70°	0.3	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	356.2	75.1
0°-40°	453.4	95.6
0°-60°	473.7	99.9
0°-90°	474.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	579	
5°	536	51
15°	484	135
25°	383	171
35°	155	97
45°	23	19
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	579.2
1°	574.9
2°	565.6
3°	554.7
4°	544.0
5°	535.8
6°	529.7
7°	524.9
8°	520.6
9°	516.3
10°	512.2
11°	507.7
12°	503.0
13°	497.4
14°	491.4
15°	484.1
16°	475.6
17°	466.2
18°	456.1
19°	445.4
20°	435.4
21°	425.3
22°	416.1
23°	406.6
24°	395.5
25°	382.6
26°	367.2
27°	348.7
28°	327.9
29°	305.7
30°	282.5
31°	257.0
32°	231.6
32.5°	218.6
33°	205.9
34°	180.2
35°	154.9
36°	131.5
37°	108.3
37.5°	96.4
38°	86.9
39°	70.3
40°	57.5
42.5°	35.5
45°	22.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	13.2
50°	4.9
52.5°	1.0
55°	0.6
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)