

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: P1284051

Luminaire Tested: P3AS09R65B2750DE010 E3D1WMH_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284051
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: P3AS09R65B2750DE010 E3D1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

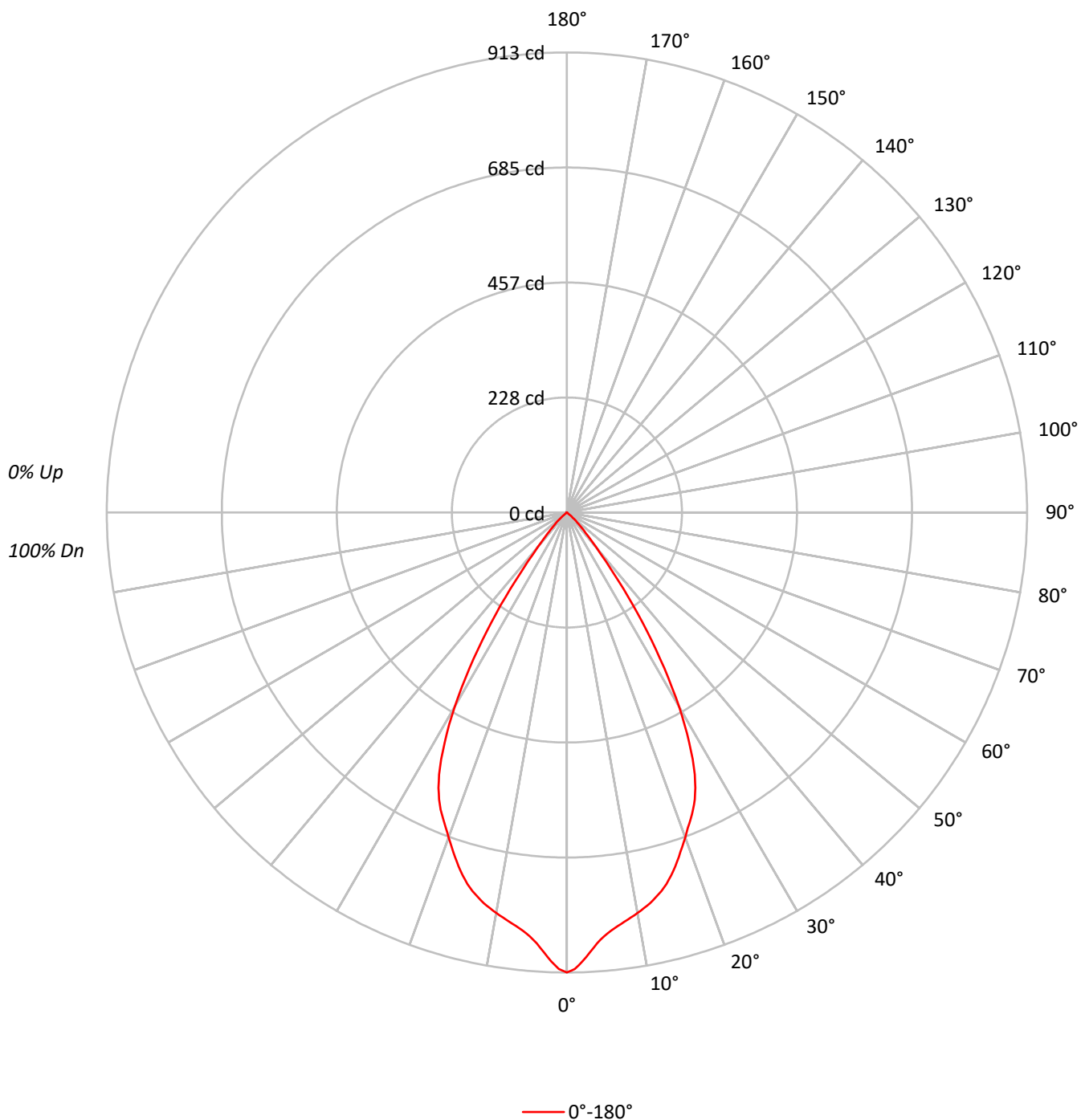
Lumens per Lamp: N/A
Luminaire Lumens: 747.0 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	200159
5°	185846
10°	179734
15°	173213
20°	160127
25°	145896
30°	112726
35°	65344
40°	25934
45°	11040
50°	2627
55°	344
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11040 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.6	10.7
10°-20°	212.6	28.5
20°-30°	269.1	36.0
30°-40°	153.2	20.5
40°-50°	30.5	4.1
50°-60°	1.6	0.2
60°-70°	0.4	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°	561.3	75.1
0°-40°	714.5	95.7
0°-60°	746.5	99.9
0°-90°	747.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	747.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	913	
5°	844	80
15°	763	213
25°	603	269
35°	244	153
45°	36	30
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	912.8
1°	906.1
2°	891.3
3°	874.1
4°	857.2
5°	844.3
6°	834.8
7°	827.2
8°	820.4
9°	813.6
10°	807.2
11°	800.1
12°	792.8
13°	783.9
14°	774.3
15°	763.0
16°	749.5
17°	734.7
18°	718.8
19°	701.9
20°	686.2
21°	670.3
22°	655.8
23°	640.8
24°	623.3
25°	603.0
26°	578.8
27°	549.6
28°	516.7
29°	481.7
30°	445.2
31°	405.0
32°	365.1
32.5°	344.5
33°	324.5
34°	284.0
35°	244.1
36°	207.2
37°	170.7
37.5°	152.0
38°	136.9
39°	110.8
40°	90.6
42.5°	55.9
45°	35.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	20.9
50°	7.7
52.5°	1.5
55°	0.9
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.3
67.5°	0.3
70°	0.3
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)