

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: P1284047

Luminaire Tested: P3AS09R65B2750DE010 E3D1WMH_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284047
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

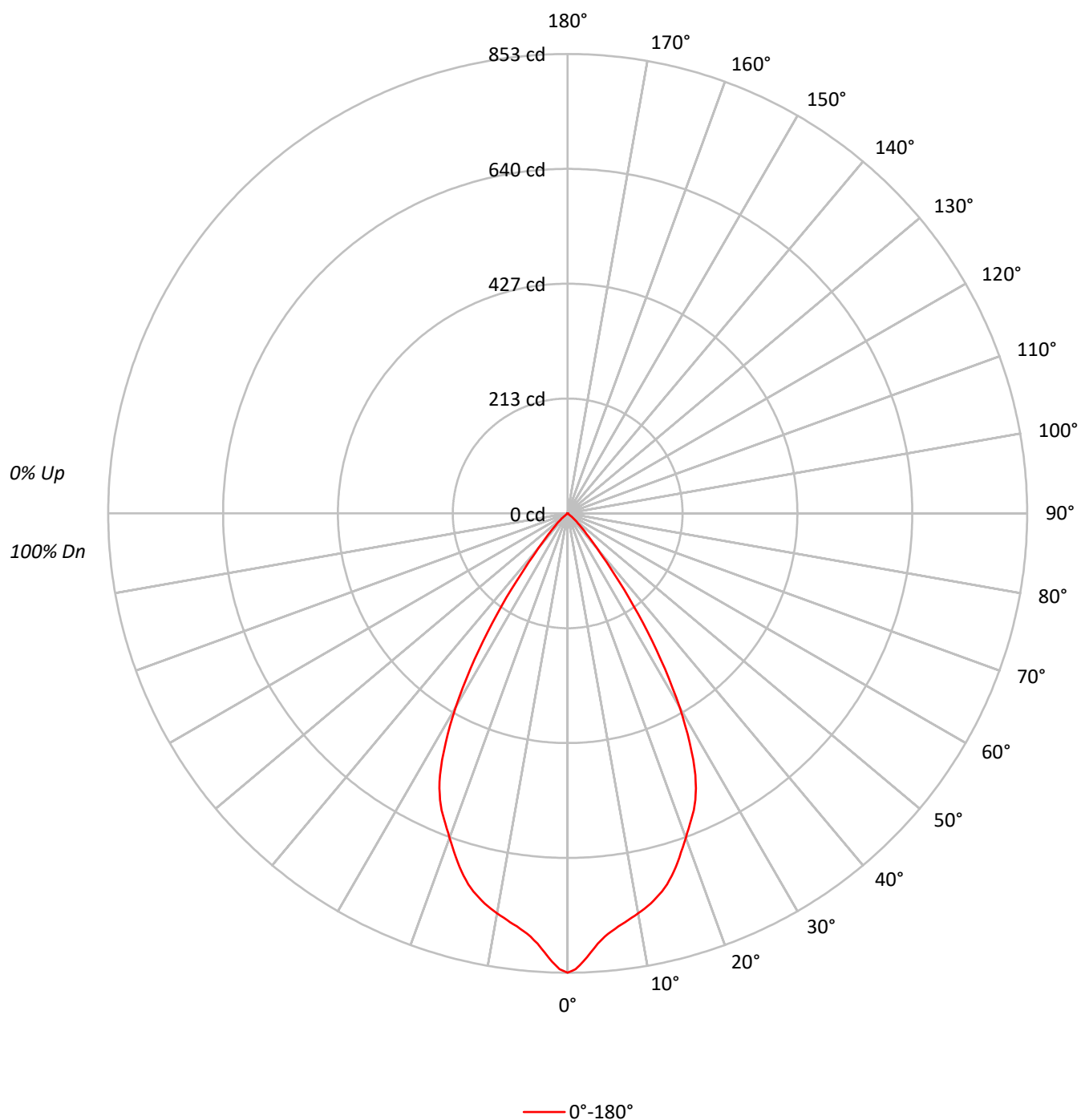
Lumens per Lamp: N/A
Luminaire Lumens: 698.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	87	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		67	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°	187024
5°	173673
10°	167933
15°	161840
20°	149626
25°	136339
30°	105333
35°	61061
40°	24217
45°	10327
50°	2456
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: 10327 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.4	10.7
10°-20°	198.6	28.5
20°-30°	251.4	36.0
30°-40°	143.2	20.5
40°-50°	28.4	4.1
50°-60°	1.5	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°	524.5	75.1
0°-40°	667.7	95.6
0°-60°	697.6	99.9
0°-90°	698.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	698.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	853	
5°	789	74
15°	713	199
25°	564	251
35°	228	143
45°	33	28
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	852.9
1°	846.6
2°	832.9
3°	816.8
4°	801.0
5°	789.0
6°	780.1
7°	772.9
8°	766.6
9°	760.3
10°	754.2
11°	747.7
12°	740.8
13°	732.4
14°	723.6
15°	712.9
16°	700.3
17°	686.5
18°	671.6
19°	655.8
20°	641.2
21°	626.3
22°	612.8
23°	598.8
24°	582.4
25°	563.5
26°	540.8
27°	513.5
28°	482.8
29°	450.1
30°	416.0
31°	378.4
32°	341.1
32.5°	321.9
33°	303.2
34°	265.4
35°	228.1
36°	193.7
37°	159.5
37.5°	142.0
38°	128.0
39°	103.6
40°	84.6
42.5°	52.2
45°	33.3



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	19.5
50°	7.2
52.5°	1.4
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)