

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: P1285773

Luminaire Tested: P3AS13R65B2750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285773
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: P3AS13R65B2750DE010 E3D1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

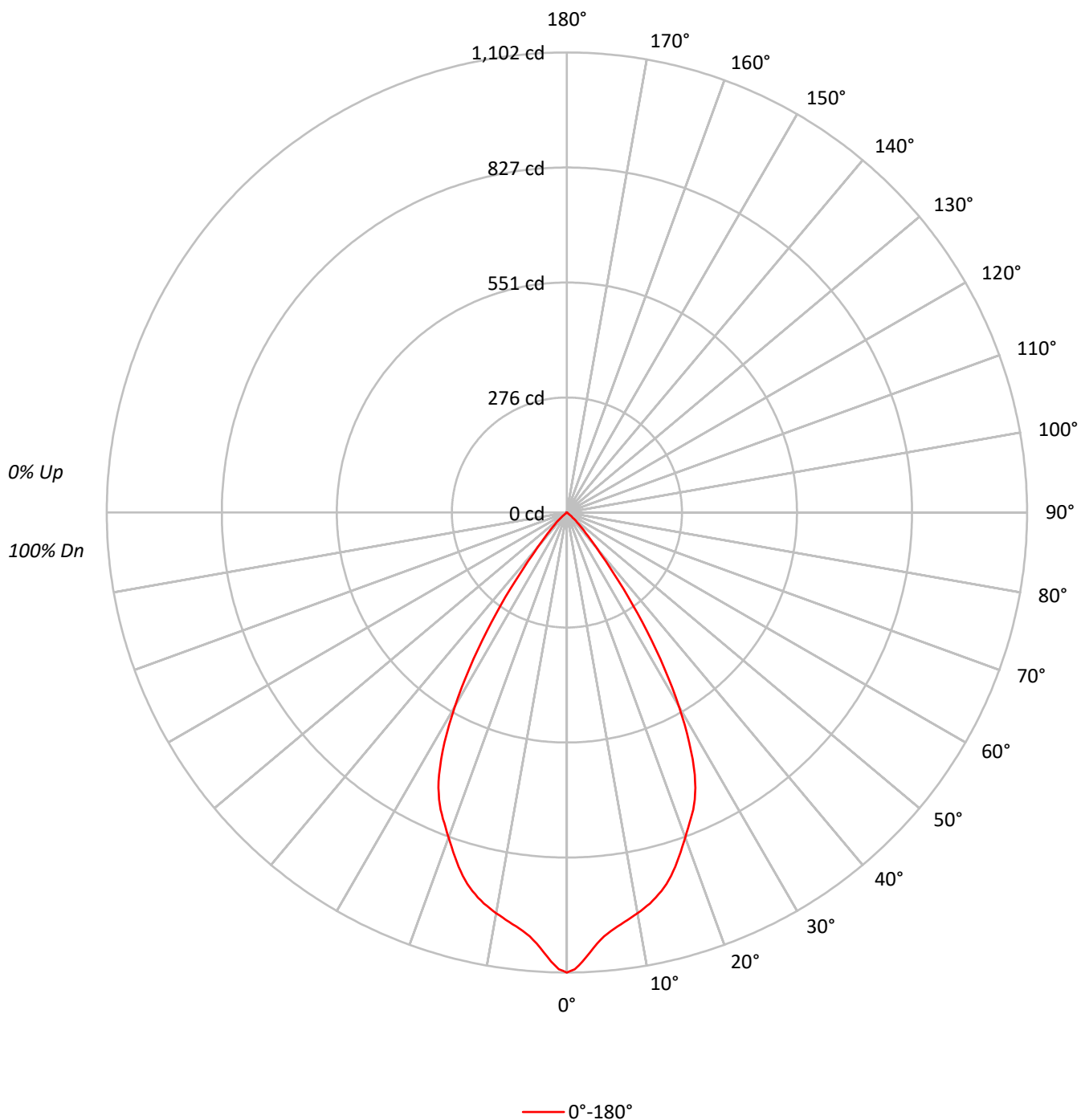
Lumens per Lamp: N/A
Luminaire Lumens: 902.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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	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	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°	241691
5°	224411
10°	217030
15°	209150
20°	193357
25°	176163
30°	136122
35°	78889
40°	31316
45°	13335
50°	3173
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13335 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.2	10.7
10°-20°	256.7	28.5
20°-30°	324.9	36.0
30°-40°	185.0	20.5
40°-50°	36.8	4.1
50°-60°	1.9	0.2
60°-70°	0.5	0.1
70°-80°	0.1	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°	677.8	75.1
0°-40°	862.8	95.7
0°-60°	901.4	99.9
0°-90°	902.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	902.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1102	
5°	1020	96
15°	921	257
25°	728	325
35°	295	185
45°	43	37
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1102.2
1°	1094.1
2°	1076.3
3°	1055.5
4°	1035.1
5°	1019.5
6°	1008.1
7°	998.8
8°	990.6
9°	982.5
10°	974.7
11°	966.2
12°	957.3
13°	946.5
14°	935.0
15°	921.3
16°	905.0
17°	887.2
18°	867.9
19°	847.5
20°	828.6
21°	809.3
22°	791.9
23°	773.7
24°	752.6
25°	728.1
26°	698.9
27°	663.6
28°	624.0
29°	581.7
30°	537.6
31°	489.0
32°	440.8
32.5°	416.0
33°	391.9
34°	342.9
35°	294.7
36°	250.3
37°	206.1
37.5°	183.5
38°	165.4
39°	133.8
40°	109.4
42.5°	67.5
45°	43.0



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	25.2
50°	9.3
52.5°	1.9
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.4
67.5°	0.4
70°	0.4
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)