

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: P1285630

Luminaire Tested: P3AS13R60B2750DE010 E3D1WMH_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285630
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60B2750DE010 E3D1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

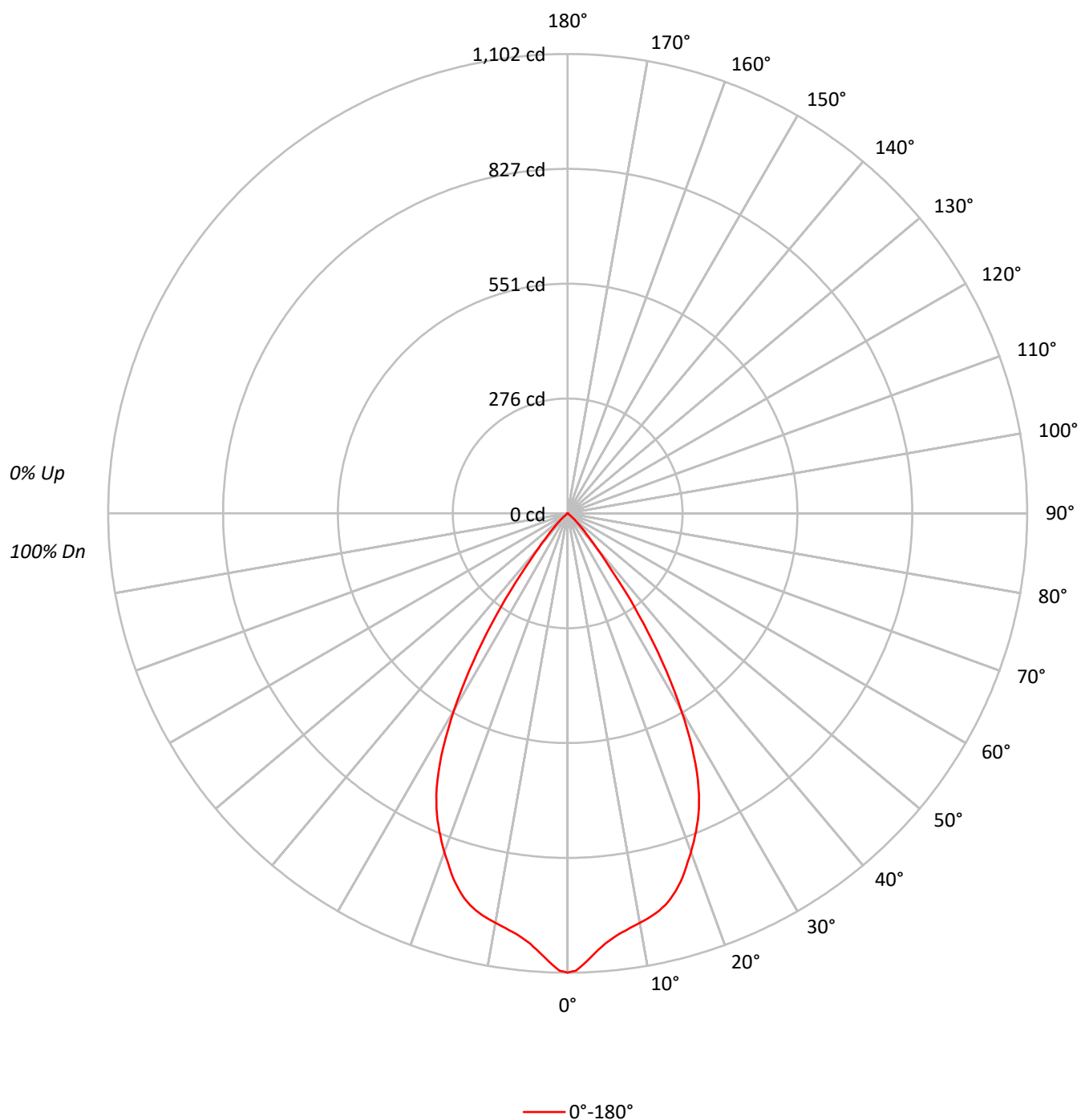
Lumens per Lamp: N/A
Luminaire Lumens: 922.0 lumens
Efficiency: N/A
Efficacy: 48.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	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	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	96	91	88	93	89	86	91	87	85	88	86	84	82											
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77											
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72											
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67											
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63											
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59											
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56											
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53											

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241582
5°	228065
10°	222129
15°	217050
20°	201804
25°	180398
30°	137793
35°	79558
40°	30886
45°	12870
50°	2831
55°	421
60°	351
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12870 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.8	10.6
10°-20°	266.3	28.9
20°-30°	333.6	36.2
30°-40°	186.5	20.2
40°-50°	35.4	3.8
50°-60°	1.8	0.2
60°-70°	0.4	0.0
70°-80°	0.2	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°	697.7	75.7
0°-40°	884.2	95.9
0°-60°	921.4	99.9
0°-90°	922.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	922.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1102	
5°	1036	98
15°	956	266
25°	746	334
35°	297	186
45°	42	35
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1101.7
1°	1097.2
2°	1082.8
3°	1065.8
4°	1050.0
5°	1036.1
6°	1025.5
7°	1016.4
8°	1009.7
9°	1003.2
10°	997.6
11°	991.9
12°	985.5
13°	977.6
14°	968.2
15°	956.1
16°	941.4
17°	924.8
18°	905.9
19°	884.4
20°	864.8
21°	843.7
22°	821.8
23°	798.8
24°	773.6
25°	745.6
26°	712.8
27°	676.2
28°	635.1
29°	591.4
30°	544.2
31°	496.7
32°	447.7
32.5°	420.9
33°	396.8
34°	346.6
35°	297.2
36°	252.7
37°	205.6
37.5°	184.1
38°	162.9
39°	131.3
40°	107.9
42.5°	65.6
45°	41.5



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	23.0
50°	8.3
52.5°	1.9
55°	1.1
57.5°	0.8
60°	0.8
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.4
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)