

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: P1283885

Luminaire Tested: P3AS09R60B2750DE010 E3D1H_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283885
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: P3AS09R60B2750DE010 E3D1H_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

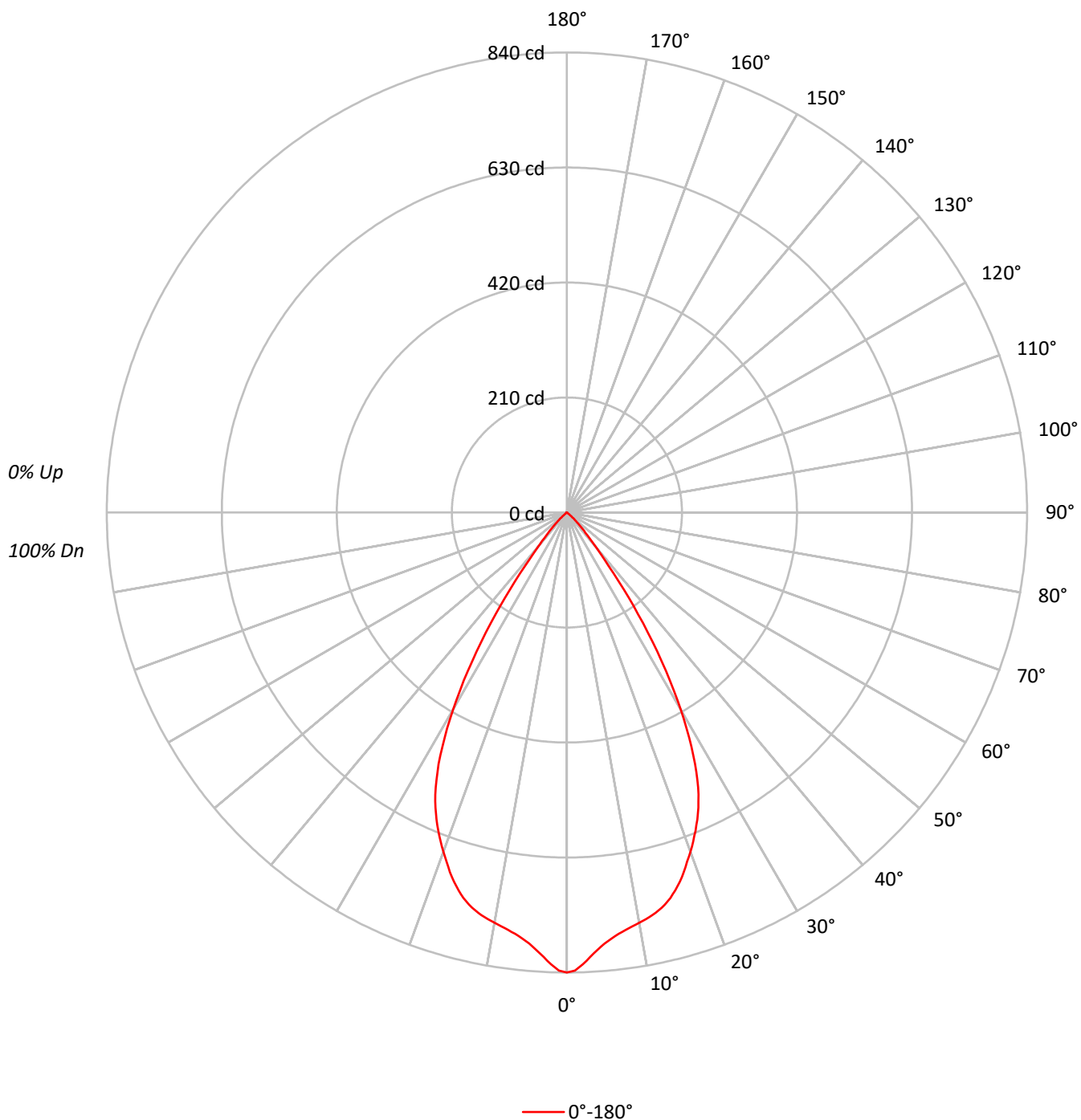
Lumens per Lamp: N/A
Luminaire Lumens: 703.0 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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			
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	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°	184196
5°	173893
10°	169358
15°	165495
20°	153873
25°	137548
30°	105079
35°	60659
40°	23530
45°	9799
50°	2149
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: 9799 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.6	10.6
10°-20°	203.1	28.9
20°-30°	254.3	36.2
30°-40°	142.2	20.2
40°-50°	27.0	3.8
50°-60°	1.4	0.2
60°-70°	0.3	0.0
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°	532.0	75.7
0°-40°	674.1	95.9
0°-60°	702.5	99.9
0°-90°	703.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	703.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	840	
5°	790	75
15°	729	203
25°	568	254
35°	227	142
45°	32	27
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	840.0
1°	836.5
2°	825.6
3°	812.7
4°	800.6
5°	790.0
6°	781.9
7°	775.0
8°	769.8
9°	764.9
10°	760.6
11°	756.3
12°	751.4
13°	745.4
14°	738.2
15°	729.0
16°	717.8
17°	705.1
18°	690.7
19°	674.4
20°	659.4
21°	643.3
22°	626.6
23°	609.1
24°	589.8
25°	568.5
26°	543.5
27°	515.6
28°	484.3
29°	450.9
30°	415.0
31°	378.7
32°	341.3
32.5°	320.9
33°	302.5
34°	264.3
35°	226.6
36°	192.7
37°	156.7
37.5°	140.3
38°	124.2
39°	100.1
40°	82.2
42.5°	50.0
45°	31.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.5
50°	6.3
52.5°	1.4
55°	0.9
57.5°	0.6
60°	0.6
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
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)