

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: P1283903

Luminaire Tested: P3AS09R60B2750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283903
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 E3D1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

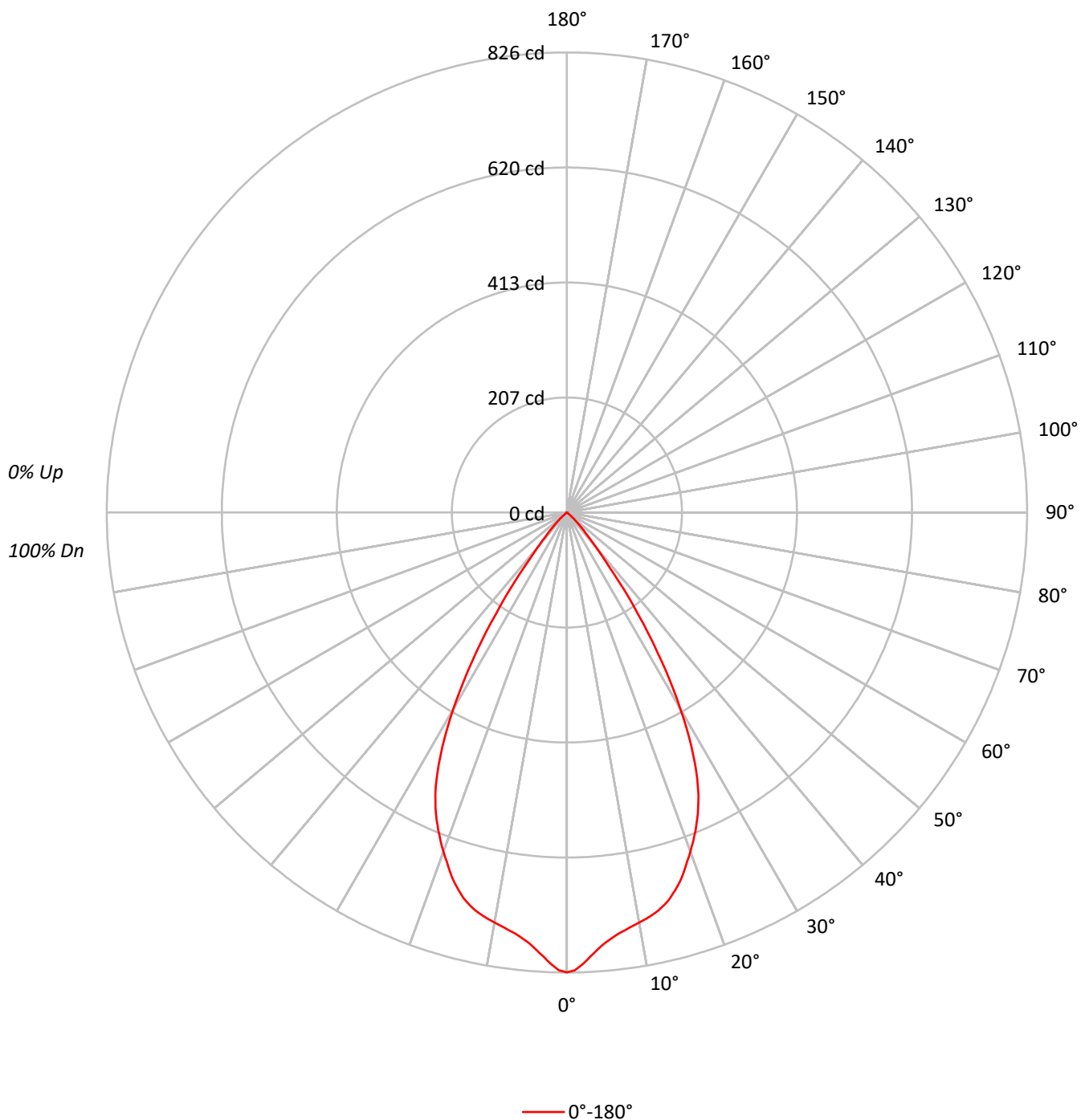
Lumens per Lamp: N/A
Luminaire Lumens: 691.0 lumens
Efficiency: N/A
Efficacy: 52.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10		70	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
1	114	111	109	106		111	109	107	105		105	103	102		101	100	99		98	97	96
2	108	104	100	96		106	102	98	95		99	96	93		96	93	91		93	91	89
3	103	97	92	88		101	96	91	88		93	89	86		91	87	85		88	86	84
4	98	91	85	81		96	90	85	81		88	83	80		86	82	79		84	81	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	70		77	72	69		75	71	69
7	85	76	70	66		83	75	69	65		74	69	65		72	68	65		71	67	64
8	81	71	65	61		79	71	65	61		70	65	61		69	64	61		68	64	61
9	77	67	62	58		76	67	61	58		66	61	57		65	61	57		64	60	57
10	73	64	58	54		72	63	58	54		63	58	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	181060
5°	170922
10°	166463
15°	162680
20°	151236
25°	135201
30°	103282
35°	59615
40°	23129
45°	9644
50°	2115
55°	306
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9644 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.3	10.6
10°-20°	199.6	28.9
20°-30°	250.0	36.2
30°-40°	139.8	20.2
40°-50°	26.6	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°	522.9	75.7
0°-40°	662.6	95.9
0°-60°	690.6	99.9
0°-90°	691.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	691.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	826	
5°	776	73
15°	717	200
25°	559	250
35°	223	140
45°	31	27
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	825.7
1°	822.3
2°	811.5
3°	798.8
4°	786.9
5°	776.5
6°	768.6
7°	761.8
8°	756.7
9°	751.9
10°	747.6
11°	743.4
12°	738.6
13°	732.7
14°	725.6
15°	716.6
16°	705.5
17°	693.1
18°	679.0
19°	662.8
20°	648.1
21°	632.3
22°	615.9
23°	598.7
24°	579.7
25°	558.8
26°	534.2
27°	506.8
28°	476.0
29°	443.2
30°	407.9
31°	372.3
32°	335.5
32.5°	315.5
33°	297.4
34°	259.8
35°	222.7
36°	189.4
37°	154.1
37.5°	137.9
38°	122.1
39°	98.4
40°	80.8
42.5°	49.2
45°	31.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.2
50°	6.2
52.5°	1.4
55°	0.8
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)