

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: P1284198

Luminaire Tested: P3AS09R70B2750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284198
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R70B2750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

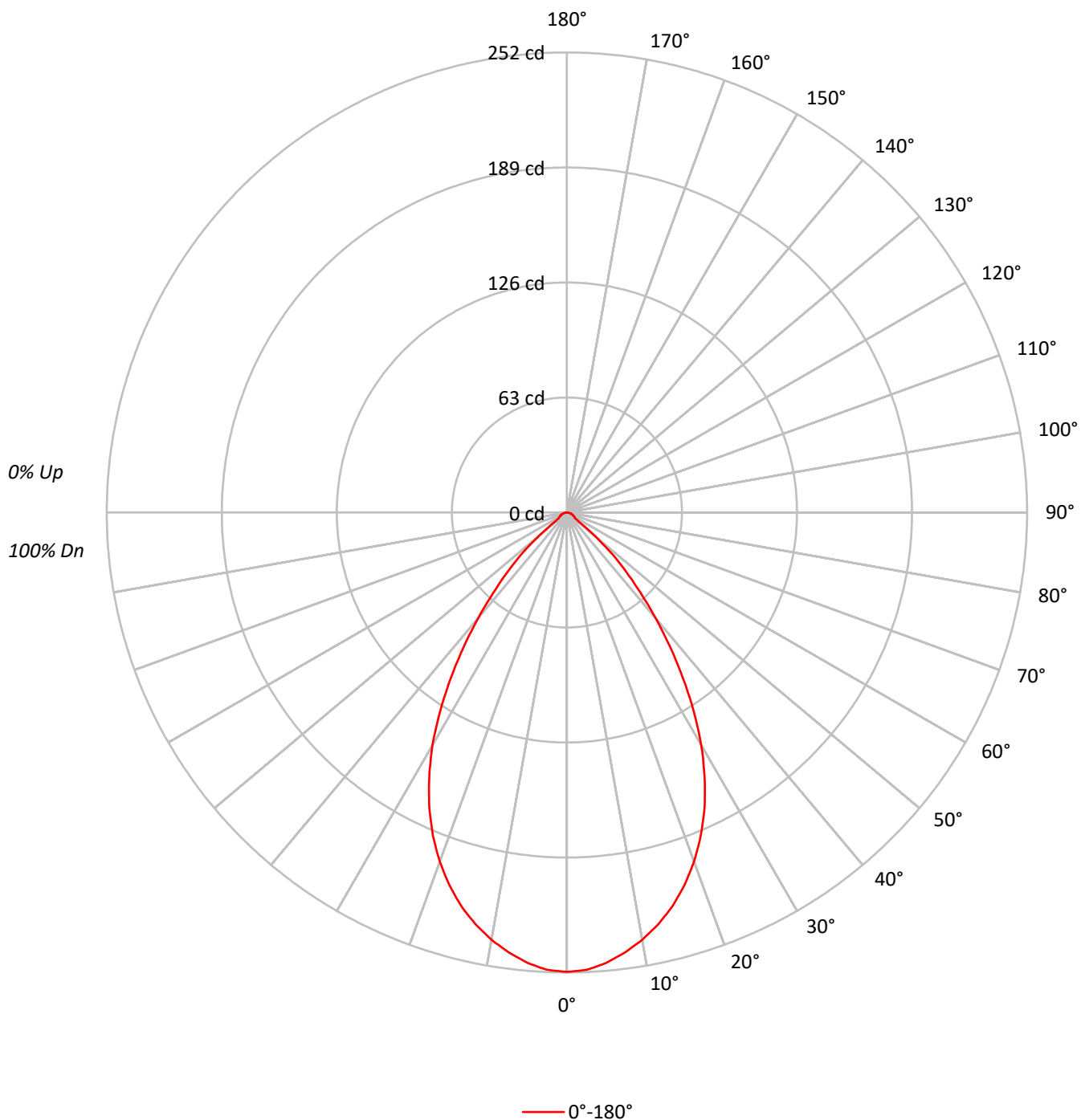
Lumens per Lamp: N/A
Luminaire Lumens: 285.0 lumens
Efficiency: N/A
Efficacy: 21.8 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55171
5°	54501
10°	52927
15°	50693
20°	47487
25°	43140
30°	37272
35°	29687
40°	21641
45°	14234
50°	6652
55°	2064
60°	1974
65°	1920
70°	1795
75°	1949
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14234 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.3	8.2
10°-20°	62.5	21.9
20°-30°	81.2	28.5
30°-40°	68.9	24.2
40°-50°	35.5	12.5
50°-60°	6.9	2.4
60°-70°	3.7	1.3
70°-80°	2.3	0.8
80°-90°	0.7	0.2
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°	167.0	58.6
0°-40°	236.0	82.8
0°-60°	278.4	97.7
0°-90°	285.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	285.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	252	
5°	248	23
15°	223	63
25°	178	81
35°	111	69
45°	46	36
55°	5	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	251.6
2.5°	250.8
5°	247.6
7.5°	243.1
10°	237.7
12.5°	231.0
15°	223.3
17.5°	214.0
20°	203.5
22.5°	191.6
25°	178.3
27.5°	163.3
30°	147.2
32.5°	129.3
35°	110.9
37.5°	92.8
40°	75.6
42.5°	59.4
45°	45.9
47.5°	33.7
50°	19.5
52.5°	8.5
55°	5.4
57.5°	5.1
60°	4.5
62.5°	4.2
65°	3.7
67.5°	3.4
70°	2.8
72.5°	2.5
75°	2.3
77.5°	1.7
80°	1.4
82.5°	0.8
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)