

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: P1283111

Luminaire Tested: P3AS09R30B2750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283111
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

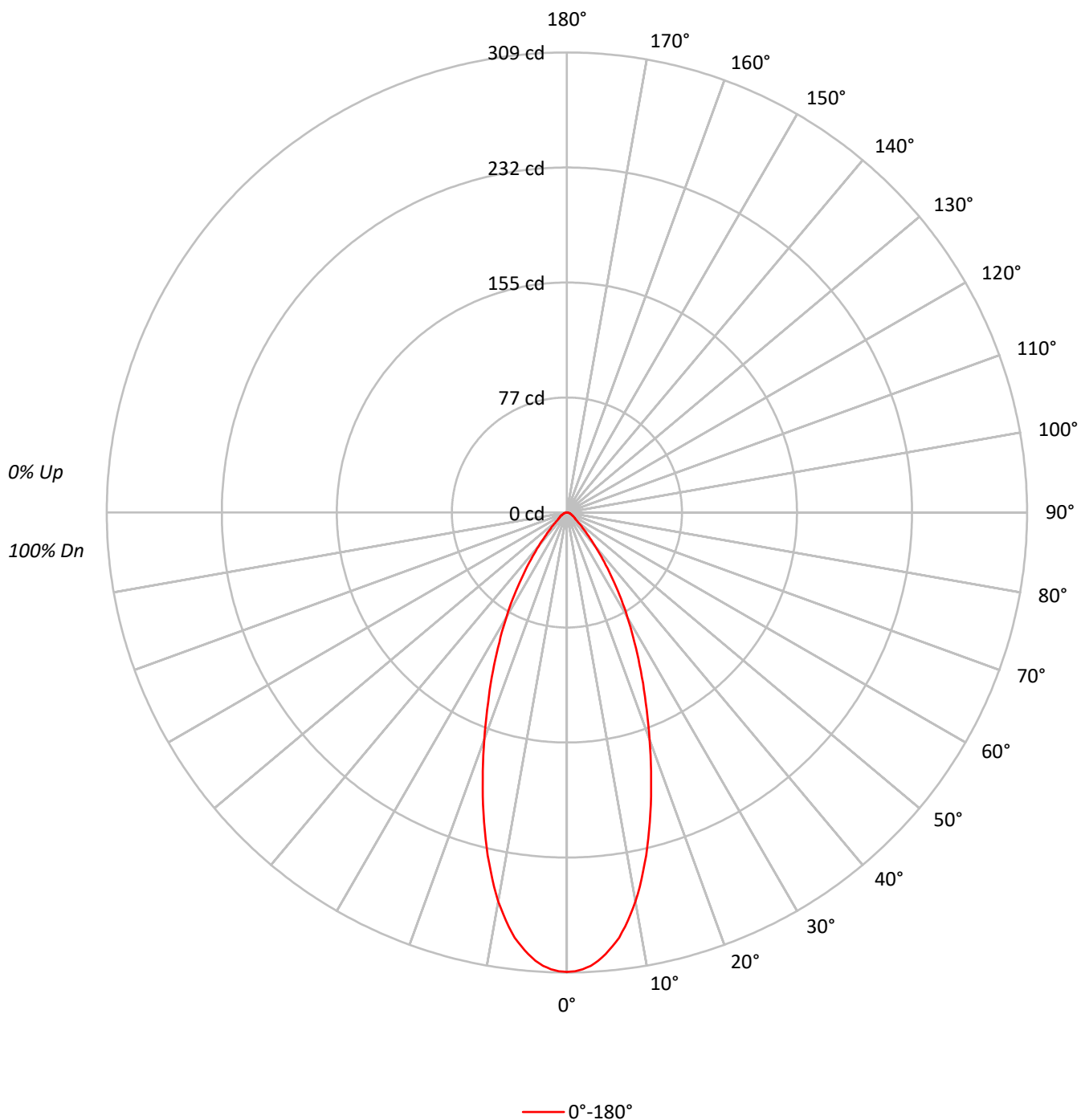
Lumens per Lamp: N/A
Luminaire Lumens: 198.0 lumens
Efficiency: N/A
Efficacy: 15.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	68	63	60	67	62	59	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67670
5°	65551
10°	59073
15°	48854
20°	37827
25°	28381
30°	20611
35°	13733
40°	8444
45°	4962
50°	3036
55°	2447
60°	2149
65°	1764
70°	1603
75°	1525
80°	1137
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4962 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	13.8
10°-20°	59.3	29.9
20°-30°	53.9	27.2
30°-40°	32.6	16.5
40°-50°	13.1	6.6
50°-60°	5.8	2.9
60°-70°	3.5	1.8
70°-80°	1.9	0.9
80°-90°	0.5	0.3
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°	140.6	71.0
0°-40°	173.2	87.5
0°-60°	192.1	97.0
0°-90°	198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	309	
5°	298	27
15°	215	59
25°	117	54
35°	51	33
45°	16	13
55°	6	6
65°	3	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	308.6
1°	308.2
2°	307.0
3°	304.9
4°	301.8
5°	297.8
6°	292.9
7°	287.7
8°	280.9
9°	273.2
10°	265.3
11°	256.1
12°	246.2
13°	236.4
14°	225.7
15°	215.2
17.5°	187.9
20°	162.1
22.5°	138.2
25°	117.3
27.5°	98.2
30°	81.4
32.5°	65.7
35°	51.3
37.5°	39.3
40°	29.5
42.5°	21.5
45°	16.0
47.5°	12.0
50°	8.9
52.5°	7.1
55°	6.4
57.5°	5.5
60°	4.9
62.5°	4.0
65°	3.4
67.5°	3.1
70°	2.5
72.5°	2.1
75°	1.8
77.5°	1.5
80°	0.9
82.5°	0.6
85°	0.6
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)