

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: P1283080

Luminaire Tested: P3AS09R30B2750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283080
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

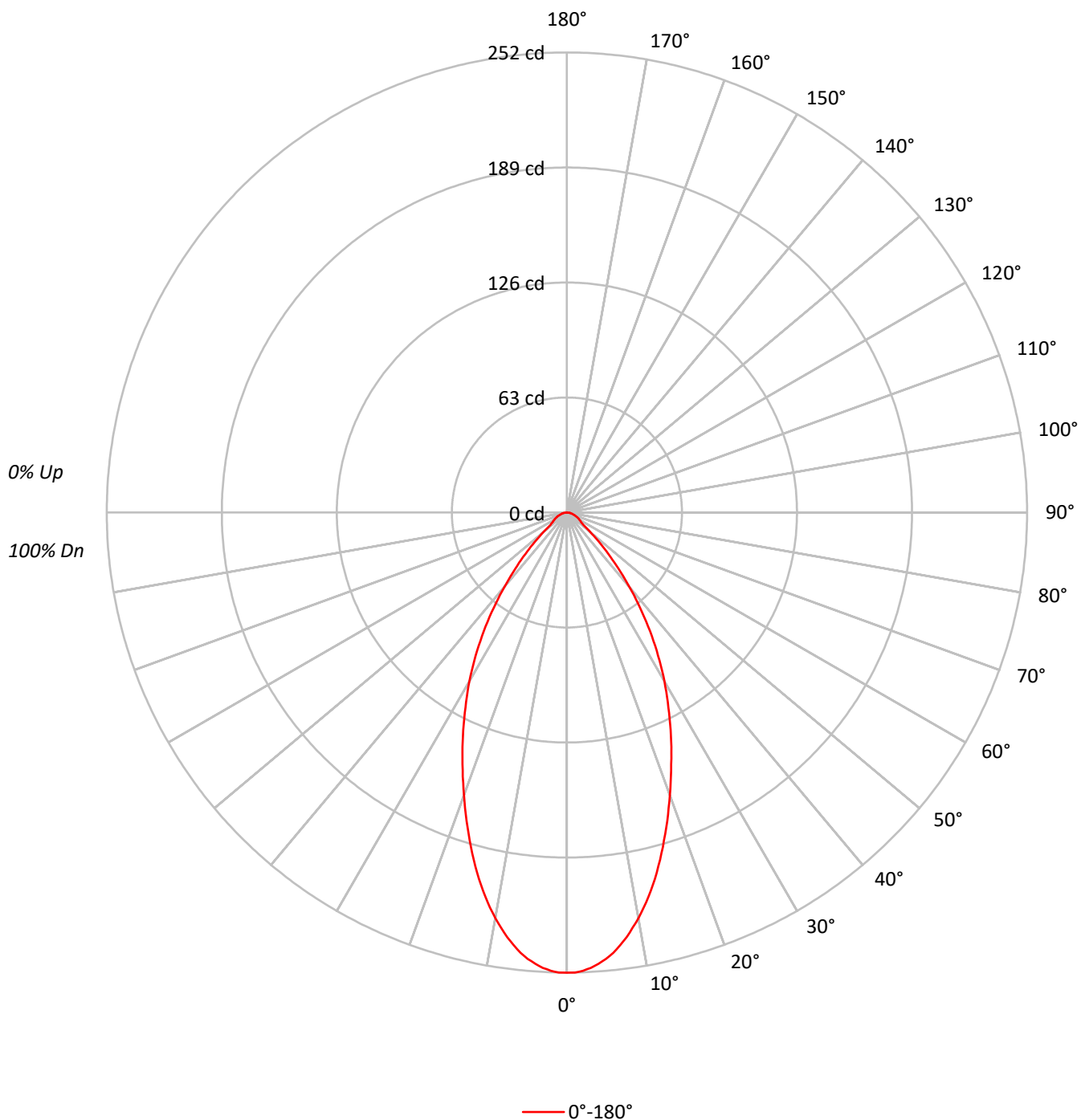
Lumens per Lamp: N/A
Luminaire Lumens: 234.0 lumens
Efficiency: N/A
Efficacy: 17.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1283080

CATALOG NUMBER: P3AS09R30B2750DE010 E3DLD1GPH_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283080

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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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55281
5°	54039
10°	50255
15°	44722
20°	38457
25°	32591
30°	27042
35°	21228
40°	15200
45°	9986
50°	5697
55°	3747
60°	3508
65°	3269
70°	2949
75°	2711
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9986 cd/sqm

TEST NUMBER: P1283080

CATALOG NUMBER: P3AS09R30B2750DE010 E3DLD1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	9.7
10°-20°	54.8	23.4
20°-30°	61.7	26.4
30°-40°	49.3	21.1
40°-50°	25.3	10.8
50°-60°	9.5	4.1
60°-70°	6.3	2.7
70°-80°	3.4	1.4
80°-90°	1.0	0.4
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°	139.3	59.5
0°-40°	188.6	80.6
0°-60°	223.4	95.5
0°-90°	234.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	234.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	252	
5°	246	23
15°	197	55
25°	135	62
35°	79	49
45°	32	25
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	252.1
1°	252.1
2°	251.2
3°	249.8
4°	247.8
5°	245.5
6°	242.6
7°	238.9
8°	234.9
9°	230.3
10°	225.7
11°	220.5
12°	215.1
13°	209.3
14°	203.3
15°	197.0
17.5°	180.9
20°	164.8
22.5°	149.3
25°	134.7
27.5°	120.3
30°	106.8
32.5°	93.0
35°	79.3
37.5°	65.8
40°	53.1
42.5°	41.9
45°	32.2
47.5°	23.8
50°	16.7
52.5°	11.8
55°	9.8
57.5°	8.9
60°	8.0
62.5°	7.2
65°	6.3
67.5°	5.5
70°	4.6
72.5°	3.7
75°	3.2
77.5°	2.6
80°	2.0
82.5°	1.4
85°	0.9
87.5°	0.3



TEST NUMBER: P1283080

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)