

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: P1283503

Luminaire Tested: P3AS09R45B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283503
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R45B2750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

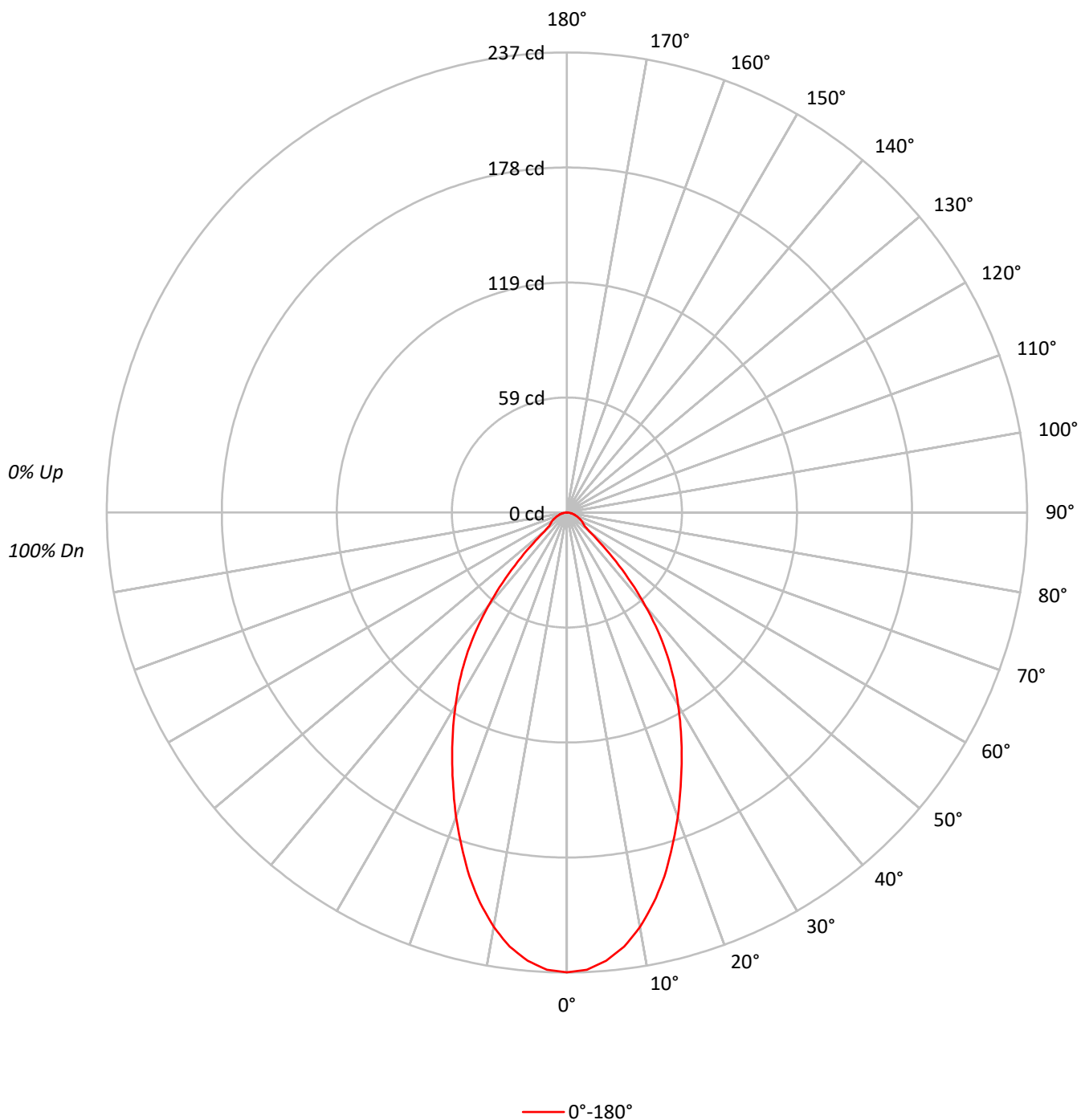
Lumens per Lamp: N/A
Luminaire Lumens: 245.0 lumens
Efficiency: N/A
Efficacy: 18.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51948
5°	51023
10°	48273
15°	44041
20°	38947
25°	33825
30°	29017
35°	24199
40°	18034
45°	11040
50°	5117
55°	3976
60°	3859
65°	3528
70°	3270
75°	3135
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11040 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	8.8
10°-20°	54.0	22.0
20°-30°	64.2	26.2
30°-40°	55.8	22.8
40°-50°	28.0	11.4
50°-60°	9.7	4.0
60°-70°	6.8	2.8
70°-80°	3.8	1.5
80°-90°	1.2	0.5
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°	139.8	57.1
0°-40°	195.6	79.8
0°-60°	233.3	95.2
0°-90°	245.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	245.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	237	
5°	232	22
15°	194	54
25°	140	64
35°	90	56
45°	36	28
55°	10	10
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	236.9
2.5°	235.8
5°	231.8
7.5°	225.6
10°	216.8
12.5°	206.1
15°	194.0
17.5°	180.4
20°	166.9
22.5°	153.0
25°	139.8
27.5°	127.1
30°	114.6
32.5°	102.8
35°	90.4
37.5°	77.1
40°	63.0
42.5°	49.1
45°	35.6
47.5°	23.4
50°	15.0
52.5°	11.6
55°	10.4
57.5°	9.6
60°	8.8
62.5°	7.9
65°	6.8
67.5°	5.9
70°	5.1
72.5°	4.2
75°	3.7
77.5°	2.8
80°	2.3
82.5°	1.7
85°	0.8
87.5°	0.6
90°	0.0

(END OF REPORT)