

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: P1283506

Luminaire Tested: P3AS09R45B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283506
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

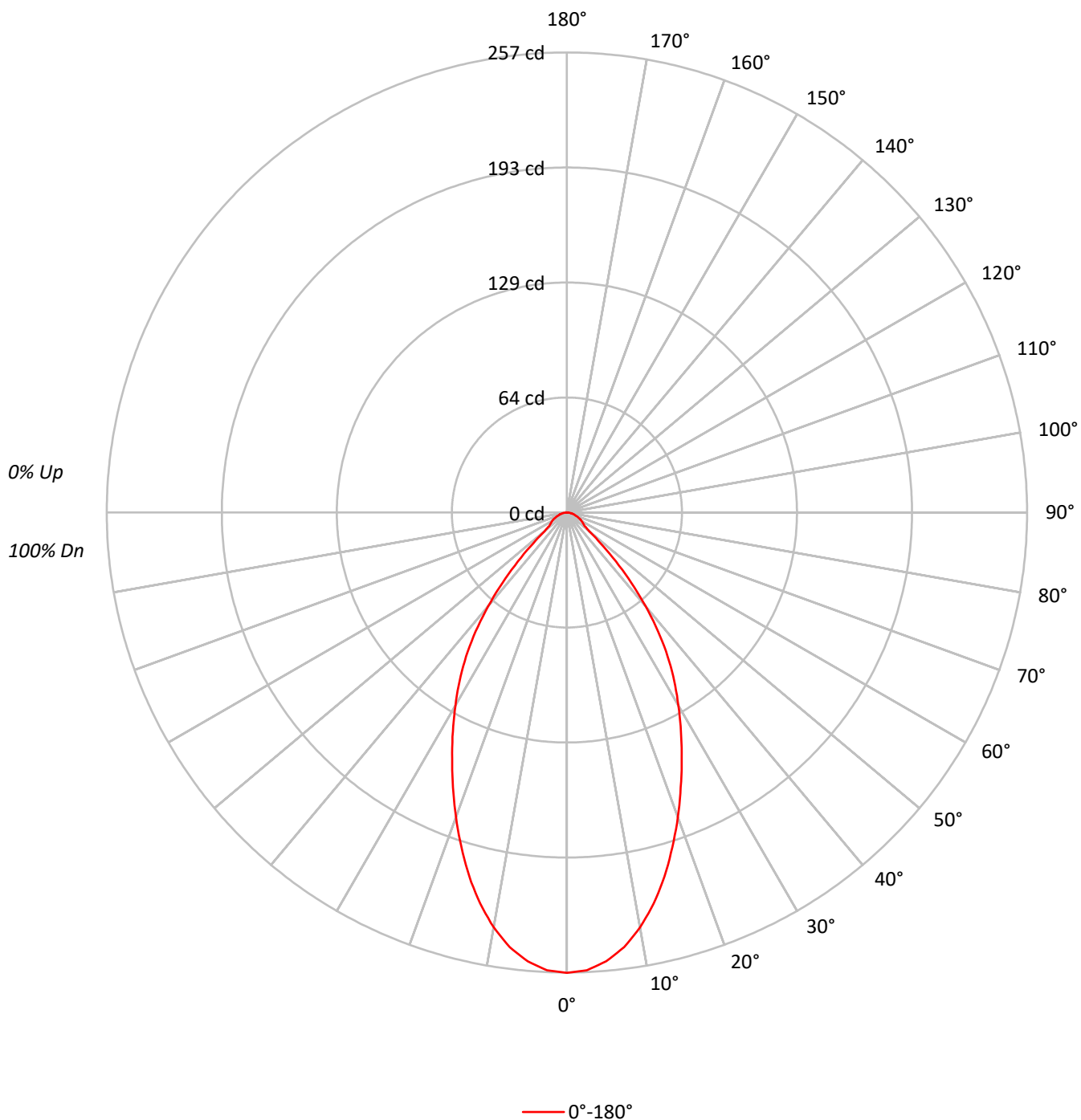
Lumens per Lamp: N/A
Luminaire Lumens: 266.0 lumens
Efficiency: N/A
Efficacy: 20.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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		
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83		
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75		
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58		
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54		
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50		
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56399
5°	55404
10°	52415
15°	47810
20°	42284
25°	36704
30°	31524
35°	26261
40°	19580
45°	11970
50°	5526
55°	4320
60°	4166
65°	3840
70°	3526
75°	3389
80°	3157
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11970 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.5	8.8
10°-20°	58.6	22.0
20°-30°	69.7	26.2
30°-40°	60.5	22.8
40°-50°	30.3	11.4
50°-60°	10.5	4.0
60°-70°	7.4	2.8
70°-80°	4.1	1.6
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°	151.8	57.1
0°-40°	212.4	79.8
0°-60°	253.2	95.2
0°-90°	266.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	266.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	257	
5°	252	24
15°	211	59
25°	152	70
35°	98	61
45°	39	30
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	257.2
2.5°	256.0
5°	251.7
7.5°	244.9
10°	235.4
12.5°	223.8
15°	210.6
17.5°	195.9
20°	181.2
22.5°	166.2
25°	151.7
27.5°	137.9
30°	124.5
32.5°	111.6
35°	98.1
37.5°	83.7
40°	68.4
42.5°	53.3
45°	38.6
47.5°	25.4
50°	16.2
52.5°	12.6
55°	11.3
57.5°	10.4
60°	9.5
62.5°	8.6
65°	7.4
67.5°	6.4
70°	5.5
72.5°	4.6
75°	4.0
77.5°	3.1
80°	2.5
82.5°	1.8
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)