

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: P1283378

Luminaire Tested: P3AS09R40B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283378
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40B2750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

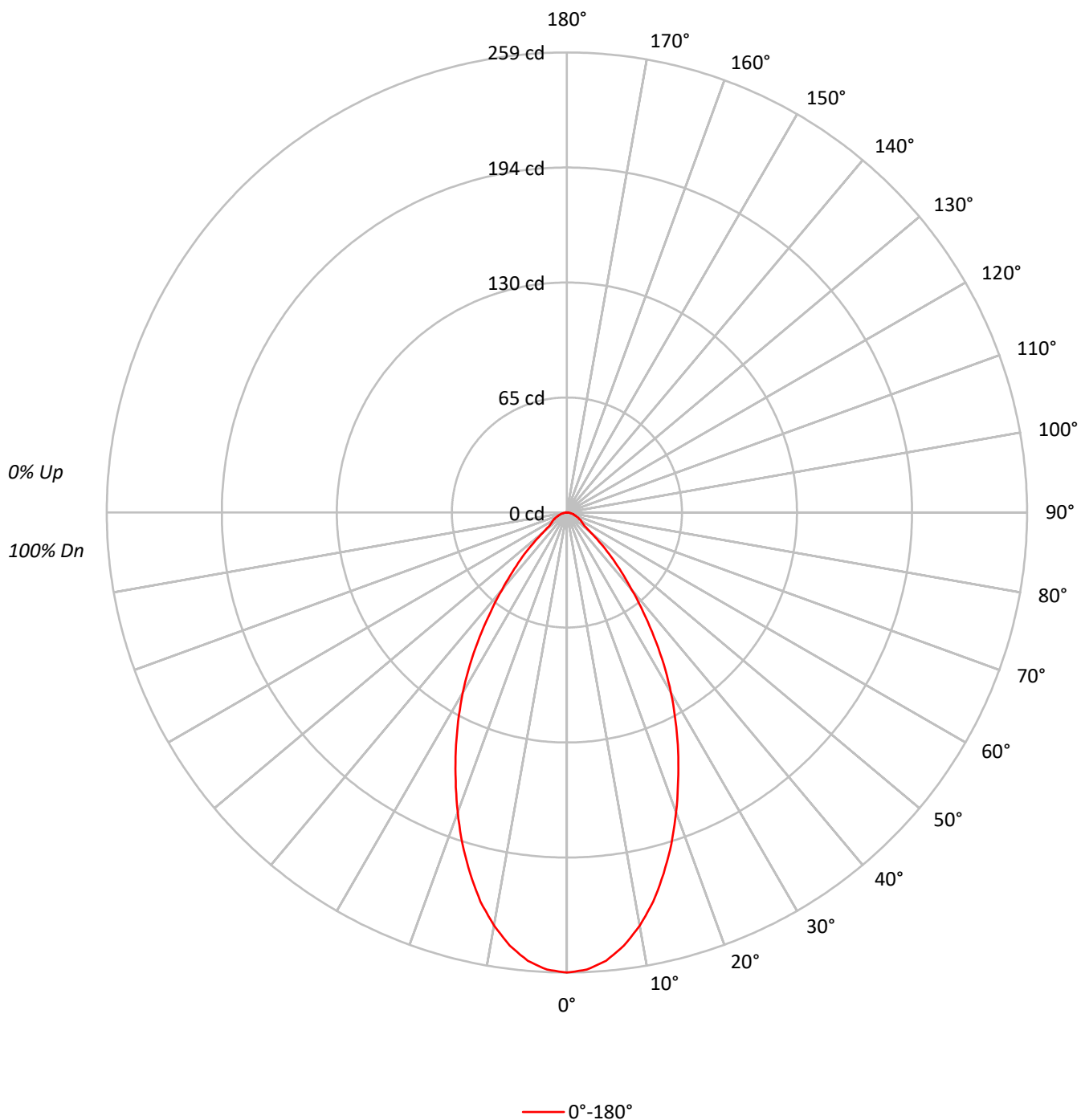
Lumens per Lamp: N/A
Luminaire Lumens: 253.0 lumens
Efficiency: N/A
Efficacy: 19.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					0
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	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	58	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56794
5°	55756
10°	52571
15°	47741
20°	41934
25°	35809
30°	29675
35°	22888
40°	16288
45°	10978
50°	5970
55°	4205
60°	3991
65°	3684
70°	3270
75°	3135
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10978 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	9.3
10°-20°	58.6	23.2
20°-30°	67.7	26.8
30°-40°	53.4	21.1
40°-50°	27.4	10.8
50°-60°	10.5	4.1
60°-70°	6.9	2.7
70°-80°	3.8	1.5
80°-90°	1.1	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°	149.9	59.3
0°-40°	203.3	80.4
0°-60°	241.2	95.3
0°-90°	253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	253.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	259	
5°	253	24
15°	210	59
25°	148	68
35°	86	53
45°	35	27
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	259.0
2.5°	257.6
5°	253.3
7.5°	246.0
10°	236.1
12.5°	224.5
15°	210.3
17.5°	195.6
20°	179.7
22.5°	163.6
25°	148.0
27.5°	132.5
30°	117.2
32.5°	101.6
35°	85.5
37.5°	70.5
40°	56.9
42.5°	45.3
45°	35.4
47.5°	25.8
50°	17.5
52.5°	12.7
55°	11.0
57.5°	9.9
60°	9.1
62.5°	7.9
65°	7.1
67.5°	5.9
70°	5.1
72.5°	4.2
75°	3.7
77.5°	2.8
80°	2.0
82.5°	1.7
85°	0.8
87.5°	0.6
90°	0.0

(END OF REPORT)