

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: P1281693

Luminaire Tested: P3AS05R40B2750DE010 E3DLP1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281693
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R40B2750DE010 E3DLP1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

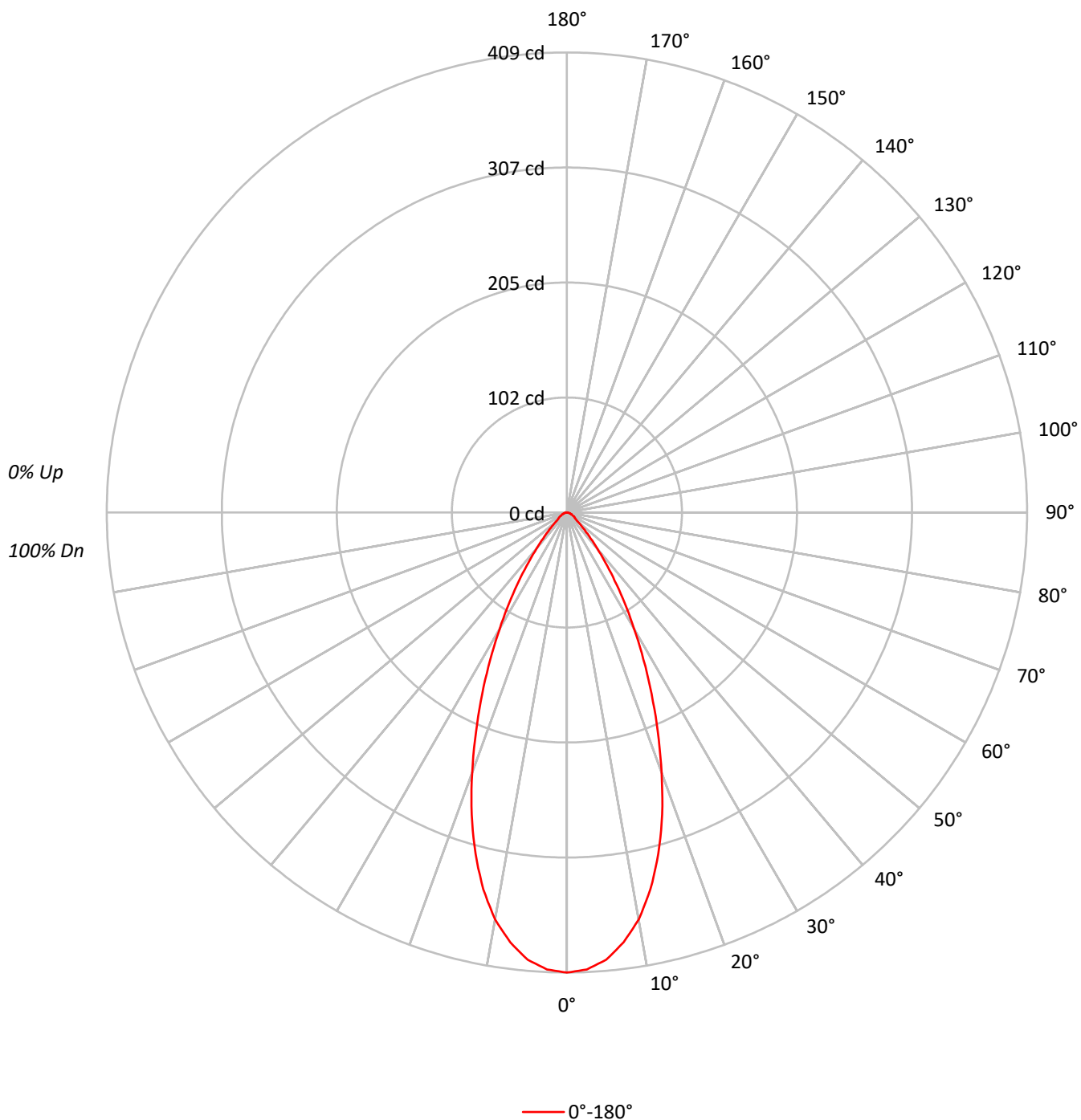
Lumens per Lamp: N/A
Luminaire Lumens: 288.0 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93		
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80		
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74		
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69		
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65		
7	83	74	68	64	82	73	68	63	72	67	63	71	66	63	70	66	62	61		
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89686
5°	87871
10°	81807
15°	71306
20°	57452
25°	43067
30°	30283
35°	19836
40°	12023
45°	7164
50°	4264
55°	3441
60°	3114
65°	2646
70°	2500
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	12.9
10°-20°	86.5	30.0
20°-30°	81.5	28.3
30°-40°	47.1	16.4
40°-50°	18.8	6.5
50°-60°	8.3	2.9
60°-70°	5.1	1.8
70°-80°	2.7	0.9
80°-90°	0.9	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°	205.1	71.2
0°-40°	252.2	87.6
0°-60°	279.3	97.0
0°-90°	288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	288.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	409	
5°	399	37
15°	314	87
25°	178	82
35°	74	47
45°	23	19
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	409.0
2.5°	406.6
5°	399.2
7.5°	385.4
10°	367.4
12.5°	343.1
15°	314.1
17.5°	281.5
20°	246.2
22.5°	210.9
25°	178.0
27.5°	147.4
30°	119.6
32.5°	95.3
35°	74.1
37.5°	56.1
40°	42.0
42.5°	31.4
45°	23.1
47.5°	16.9
50°	12.5
52.5°	10.2
55°	9.0
57.5°	8.2
60°	7.1
62.5°	5.9
65°	5.1
67.5°	4.3
70°	3.9
72.5°	3.1
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)