

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: P1281606

Luminaire Tested: P3AS05R40B2750DE010 E3D1LI_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281606
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R40B2750DE010 E3D1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

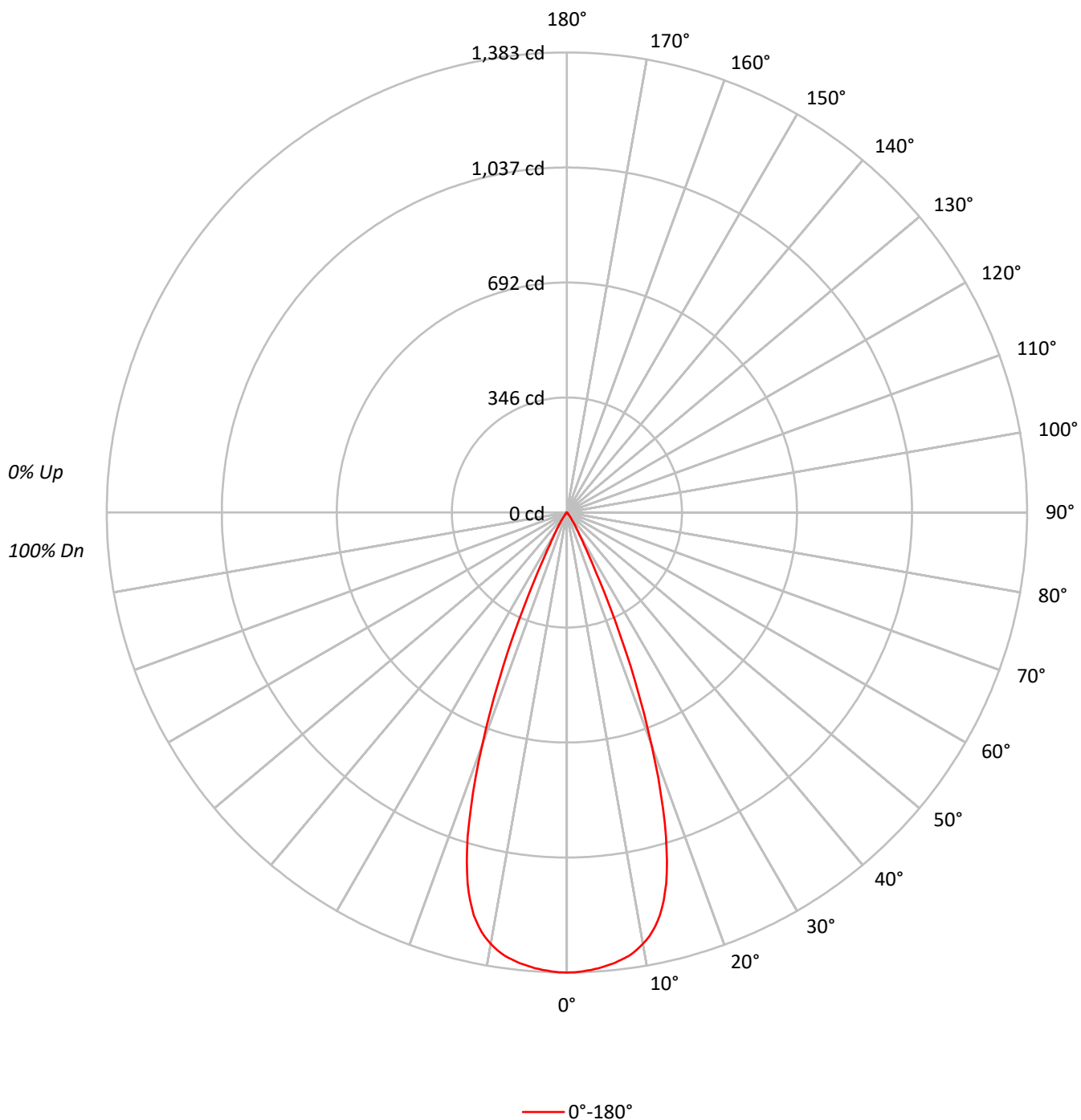
Lumens per Lamp: N/A
Luminaire Lumens: 595.0 lumens
Efficiency: N/A
Efficacy: 100.8 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	112	110	109		112	110	109	107		106	105	104		103	102	101		99	98	98
2	111	107	104	101		109	105	102	100		102	100	98		99	97	96		96	95	94
3	107	102	98	95		105	100	97	94		98	95	93		96	93	91		93	91	90
4	103	97	93	90		101	96	92	89		94	91	88		92	89	87		90	88	86
5	99	93	89	85		98	92	88	85		91	87	84		89	86	84		88	85	83
6	96	89	85	81		95	89	84	81		87	83	81		86	83	80		85	82	80
7	93	86	81	78		92	85	81	78		84	80	78		83	80	77		82	79	77
8	90	83	78	75		89	82	78	75		81	77	75		80	77	74		79	76	74
9	87	80	75	72		86	79	75	72		78	75	72		78	74	72		77	74	71
10	84	77	72	70		83	77	72	69		76	72	69		75	72	69		75	71	69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	303287
5°	301100
10°	293225
15°	261931
20°	173662
25°	65060
30°	17395
35°	6799
40°	2433
45°	1147
50°	341
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1147 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.1	21.7
10°-20°	305.7	51.4
20°-30°	138.6	23.3
30°-40°	18.0	3.0
40°-50°	3.1	0.5
50°-60°	0.4	0.1
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	573.4	96.4
0°-40°	591.4	99.4
0°-60°	594.8	100.0
0°-90°	595.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	595.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1383	
5°	1368	129
15°	1154	306
25°	269	139
35°	25	18
45°	4	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1383.1
1°	1382.3
2°	1380.2
3°	1377.1
4°	1373.1
5°	1367.9
6°	1361.8
7°	1354.3
8°	1345.2
9°	1332.7
10°	1316.9
11°	1298.3
12°	1273.5
13°	1242.9
14°	1202.9
15°	1153.8
16°	1091.1
17°	1019.6
18°	933.8
19°	843.2
20°	744.2
21°	645.3
22°	547.8
23°	450.8
24°	355.4
25°	268.9
26°	199.1
27°	145.8
28°	109.6
29°	85.2
30°	68.7
31°	56.9
32°	47.5
32.5°	43.3
33°	39.2
34°	31.9
35°	25.4
36°	20.0
37°	15.8
37.5°	14.2
38°	12.5
39°	10.4
40°	8.5
42.5°	5.6
45°	3.7



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	2.3
50°	1.0
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)