

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: P1281321

Luminaire Tested: P3AS05R30B2750DE010 E3D1WMH_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281321
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3D1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

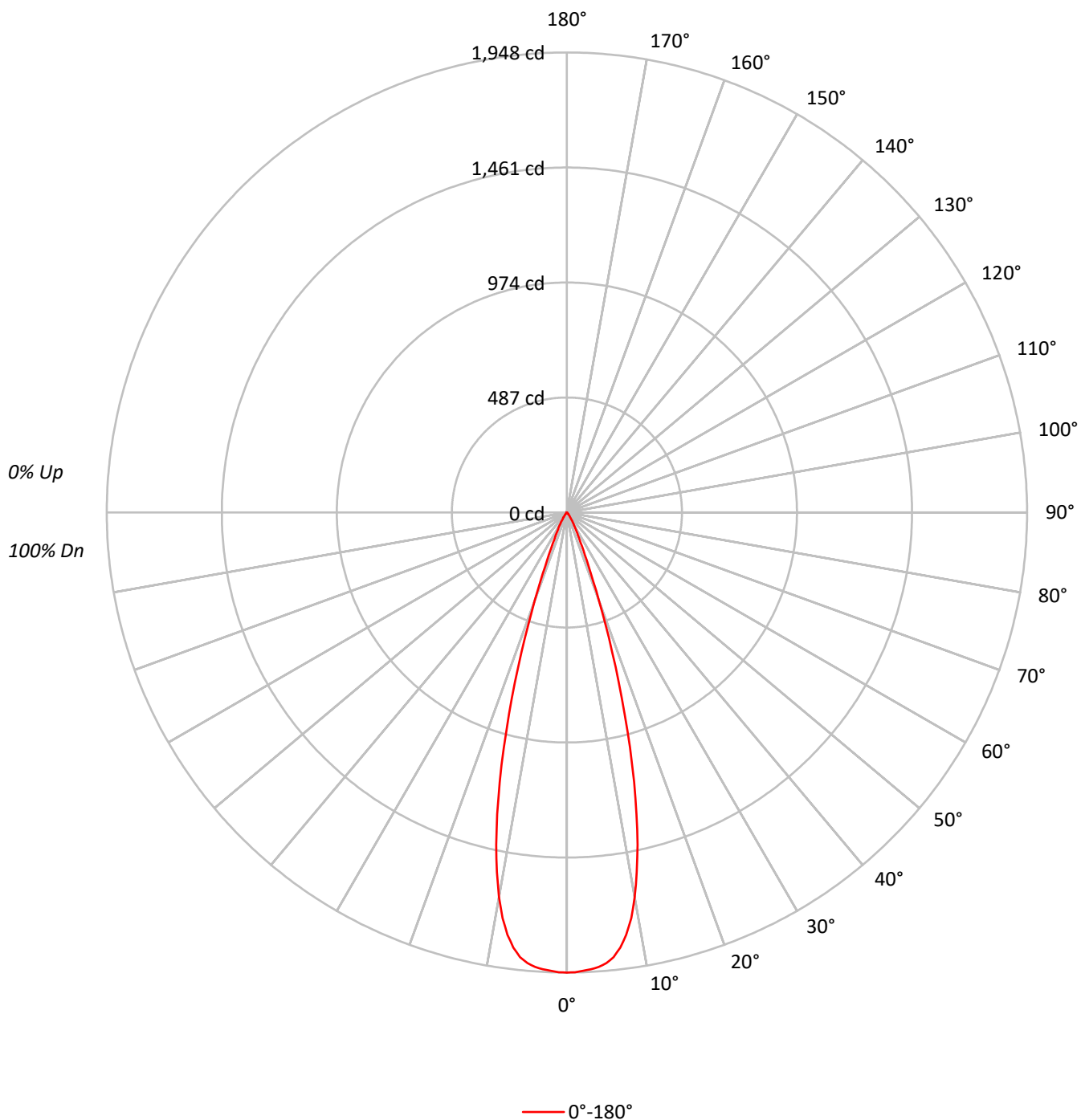
Lumens per Lamp: N/A
Luminaire Lumens: 537.0 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
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	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100	99	98		97
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97	96	95		94
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95	93	92		90
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93	91	89		88
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90	88	86		85
6	99	92	88	85	97	92	88	85	90	87	85		89	86	84		88	85	83		82
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86	83	81		80
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84	81	79		78
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82	79	77		76
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80	77	75		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	427246
5°	421681
10°	368174
15°	234008
20°	92711
25°	30970
30°	14407
35°	6532
40°	2519
45°	1240
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: 1240 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.1	32.6
10°-20°	271.6	50.6
20°-30°	70.0	13.0
30°-40°	16.5	3.1
40°-50°	3.2	0.6
50°-60°	0.4	0.1
60°-70°	0.2	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°	516.8	96.2
0°-40°	533.2	99.3
0°-60°	536.8	100.0
0°-90°	537.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	537.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1948	
5°	1916	175
15°	1031	272
25°	128	70
35°	24	16
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°	1948.4
1°	1947.0
2°	1942.4
3°	1937.2
4°	1929.5
5°	1915.7
6°	1893.4
7°	1856.3
8°	1805.6
9°	1739.6
10°	1653.5
11°	1551.1
12°	1439.4
13°	1310.8
14°	1176.1
15°	1030.8
16°	888.4
17°	751.3
18°	619.7
19°	499.0
20°	397.3
21°	312.7
22°	246.0
23°	194.7
24°	155.9
25°	128.0
26°	106.7
27°	90.7
28°	78.4
29°	67.1
30°	56.9
32.5°	35.9
35°	24.4
37.5°	15.2
40°	8.8
42.5°	5.8
45°	4.0
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



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.2
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)