

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: P1281346

Luminaire Tested: P3AS05R30B2750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281346
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3DL1WH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

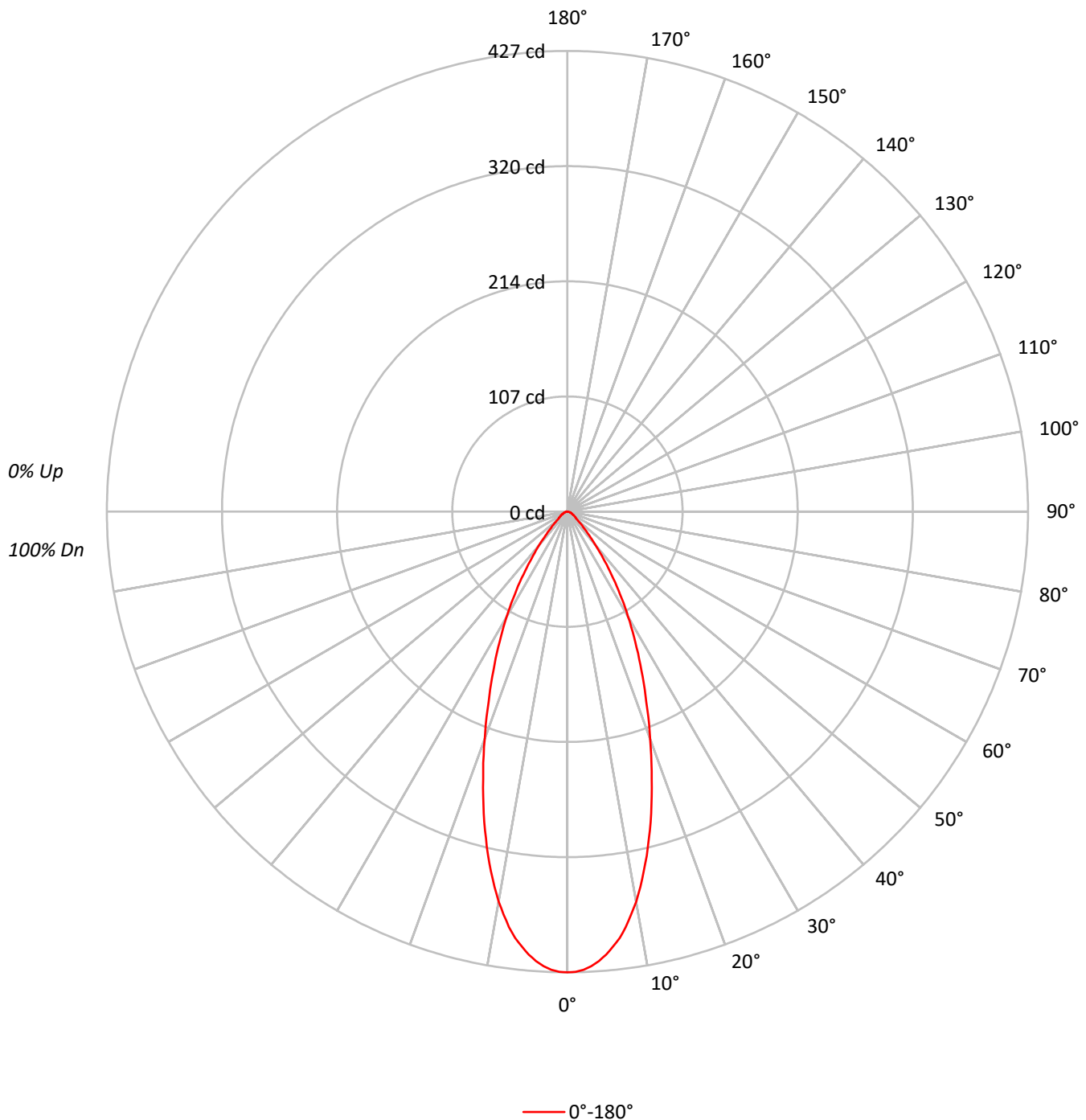
Lumens per Lamp: N/A
Luminaire Lumens: 273.9 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	93633
5°	90711
10°	81740
15°	67605
20°	52341
25°	39268
30°	28511
35°	19006
40°	11679
45°	6853
50°	4196
55°	3403
60°	2982
65°	2439
70°	2180
75°	2118
80°	1642
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6853 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.9	13.8
10°-20°	82.0	29.9
20°-30°	74.6	27.2
30°-40°	45.1	16.5
40°-50°	18.1	6.6
50°-60°	8.0	2.9
60°-70°	4.8	1.8
70°-80°	2.6	1.0
80°-90°	0.7	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°	194.6	71.0
0°-40°	239.7	87.5
0°-60°	265.8	97.0
0°-90°	273.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	273.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	427	
5°	412	38
15°	298	82
25°	162	75
35°	71	45
45°	22	18
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	427.0
1°	426.6
2°	424.9
3°	421.9
4°	417.6
5°	412.1
6°	405.3
7°	398.1
8°	388.8
9°	378.1
10°	367.1
11°	354.3
12°	340.7
13°	327.1
14°	312.3
15°	297.8
17.5°	260.0
20°	224.3
22.5°	191.2
25°	162.3
27.5°	136.0
30°	112.6
32.5°	90.9
35°	71.0
37.5°	54.4
40°	40.8
42.5°	29.7
45°	22.1
47.5°	16.6
50°	12.3
52.5°	9.8
55°	8.9
57.5°	7.6
60°	6.8
62.5°	5.5
65°	4.7
67.5°	4.2
70°	3.4
72.5°	3.0
75°	2.5
77.5°	2.1
80°	1.3
82.5°	0.8
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)