

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: P1281322

Luminaire Tested: P3AS05R30B2750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281322
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

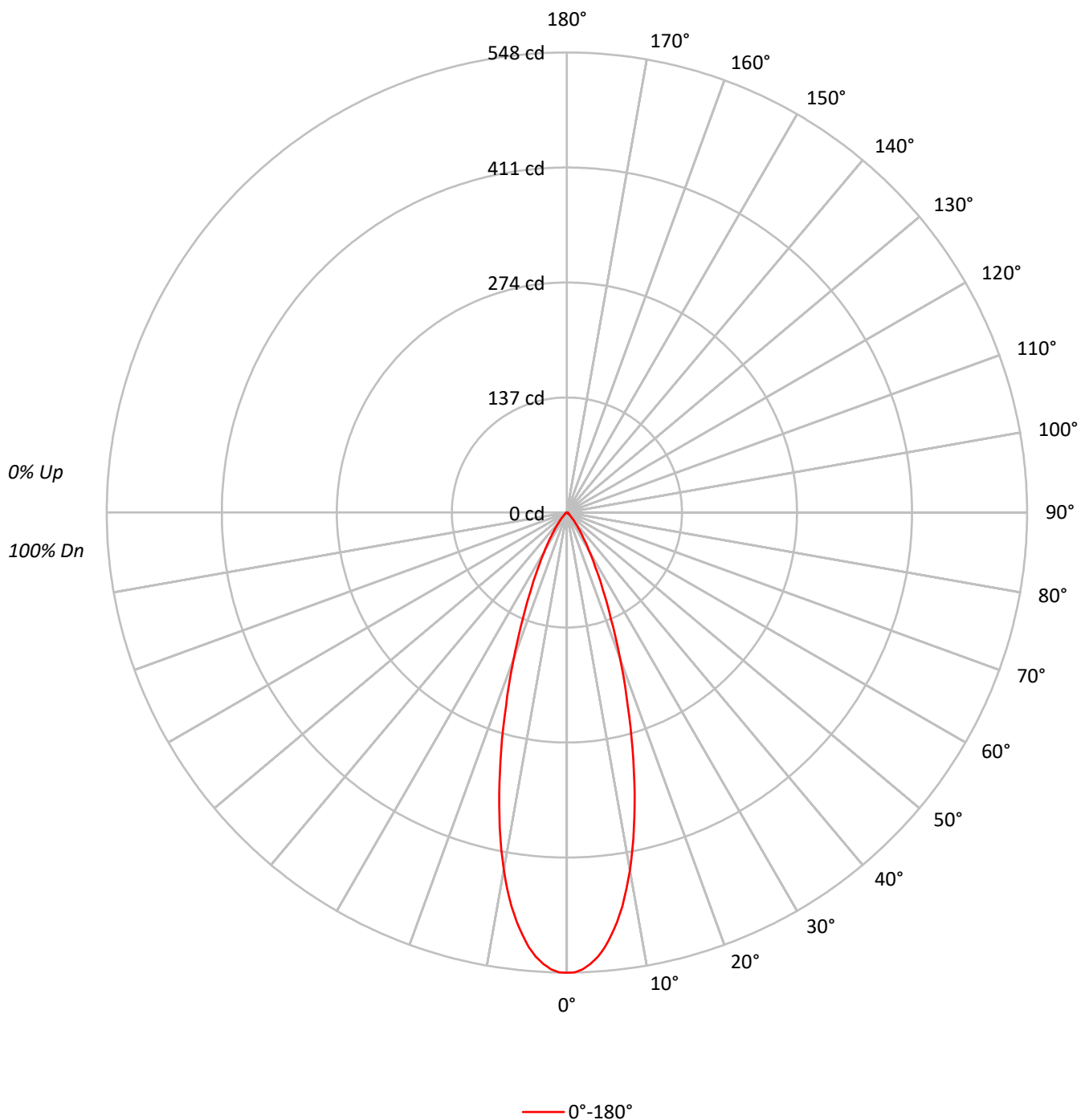
Lumens per Lamp: N/A
Luminaire Lumens: 206.1 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1281322

CATALOG NUMBER: P3AS05R30B2750DE010 E3DL1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1281322

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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	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90
3	105	100	95	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86
4	101	95	90	86	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	78	75	73	71	71	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120210
5°	114417
10°	96235
15°	69399
20°	43054
25°	24485
30°	13597
35°	7388
40°	3893
45°	2109
50°	1126
55°	726
60°	702
65°	726
70°	641
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2109 cd/sqm

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CATALOG NUMBER: P3AS05R30B2750DE010 E3DL1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	22.7
10°-20°	83.2	40.4
20°-30°	48.1	23.3
30°-40°	18.2	8.9
40°-50°	5.6	2.7
50°-60°	1.9	0.9
60°-70°	1.3	0.6
70°-80°	0.7	0.3
80°-90°	0.2	0.1
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°	178.1	86.4
0°-40°	196.3	95.3
0°-60°	203.8	98.9
0°-90°	206.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	548	
5°	520	47
15°	306	83
25°	101	48
35°	28	18
45°	7	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	548.2
1°	547.8
2°	544.5
3°	538.3
4°	530.5
5°	519.8
6°	506.2
7°	491.0
8°	474.0
9°	453.8
10°	432.2
11°	408.9
12°	384.1
13°	358.3
14°	332.0
15°	305.7
17.5°	241.1
20°	184.5
22.5°	136.8
25°	101.2
27.5°	73.6
30°	53.7
32.5°	38.7
35°	27.6
37.5°	19.3
40°	13.6
42.5°	9.5
45°	6.8
47.5°	4.7
50°	3.3
52.5°	2.3
55°	1.9
57.5°	1.8
60°	1.6
62.5°	1.4
65°	1.4
67.5°	1.2
70°	1.0
72.5°	0.8
75°	0.6
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0



TEST NUMBER: P1281322

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)