

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: P1281421

Luminaire Tested: P3AS05R30B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281421
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

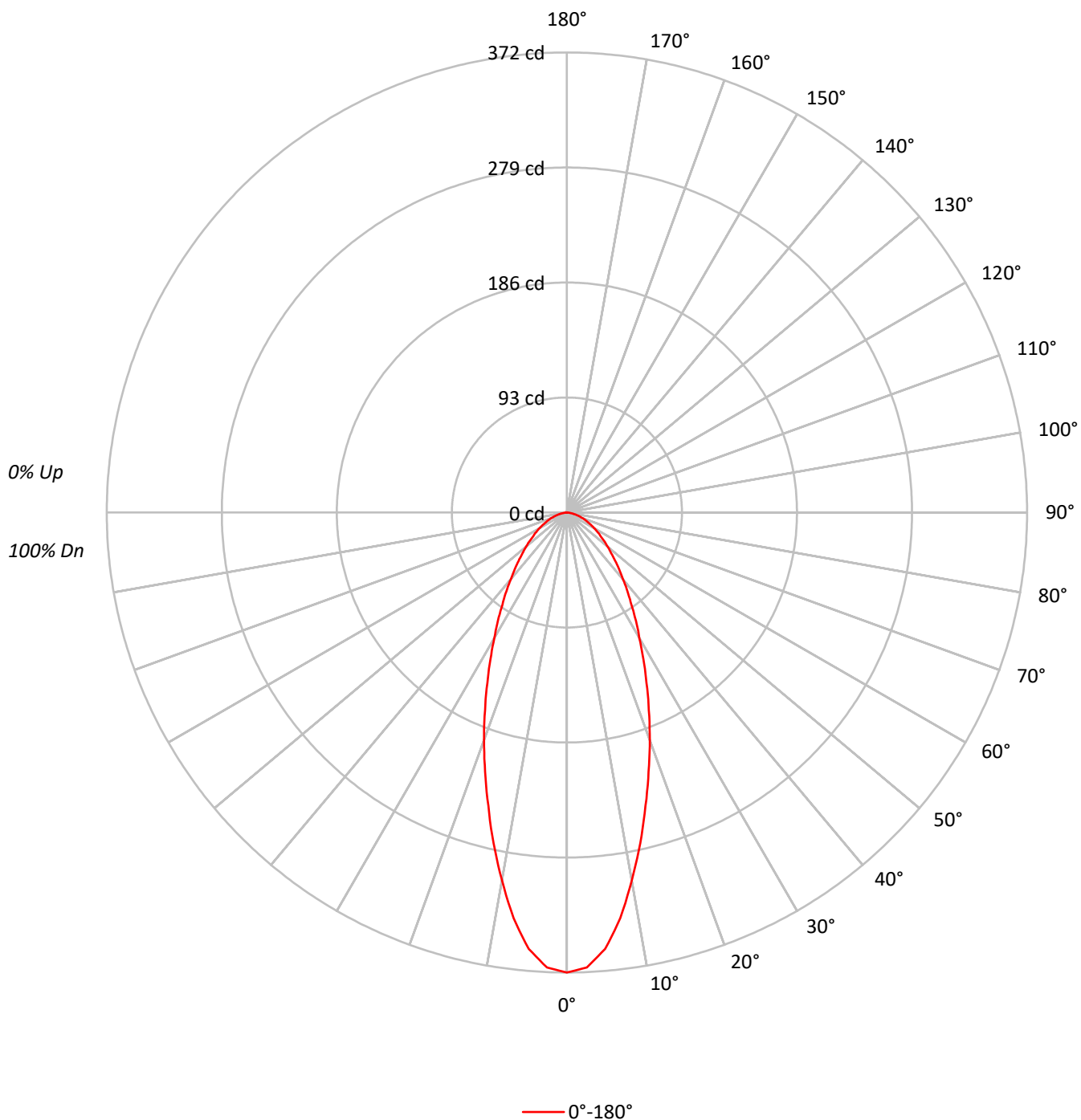
Lumens per Lamp: N/A
Luminaire Lumens: 331.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81572
5°	77966
10°	67244
15°	55732
20°	45691
25°	36825
30°	29675
35°	24306
40°	20209
45°	17118
50°	14669
55°	12654
60°	11315
65°	9858
70°	8655
75°	7286
80°	5430
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.1	9.7
10°-20°	68.5	20.7
20°-30°	70.2	21.2
30°-40°	57.3	17.3
40°-50°	42.9	13.0
50°-60°	30.2	9.1
60°-70°	19.0	5.7
70°-80°	9.1	2.8
80°-90°	1.8	0.5
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°	170.7	51.6
0°-40°	228.1	68.9
0°-60°	301.1	91.0
0°-90°	331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	331.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	372	
5°	354	32
15°	246	68
25°	152	70
35°	91	57
45°	55	43
55°	33	30
65°	19	19
75°	9	9
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	372.0
2.5°	368.3
5°	354.2
7.5°	330.8
10°	302.0
12.5°	273.8
15°	245.5
17.5°	219.7
20°	195.8
22.5°	173.1
25°	152.2
27.5°	133.8
30°	117.2
32.5°	103.7
35°	90.8
37.5°	80.4
40°	70.6
42.5°	62.6
45°	55.2
47.5°	48.5
50°	43.0
52.5°	38.1
55°	33.1
57.5°	29.5
60°	25.8
62.5°	22.1
65°	19.0
67.5°	16.0
70°	13.5
72.5°	11.0
75°	8.6
77.5°	6.1
80°	4.3
82.5°	2.5
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)