

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: P1283151

Luminaire Tested: P3AS09R30B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283151
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

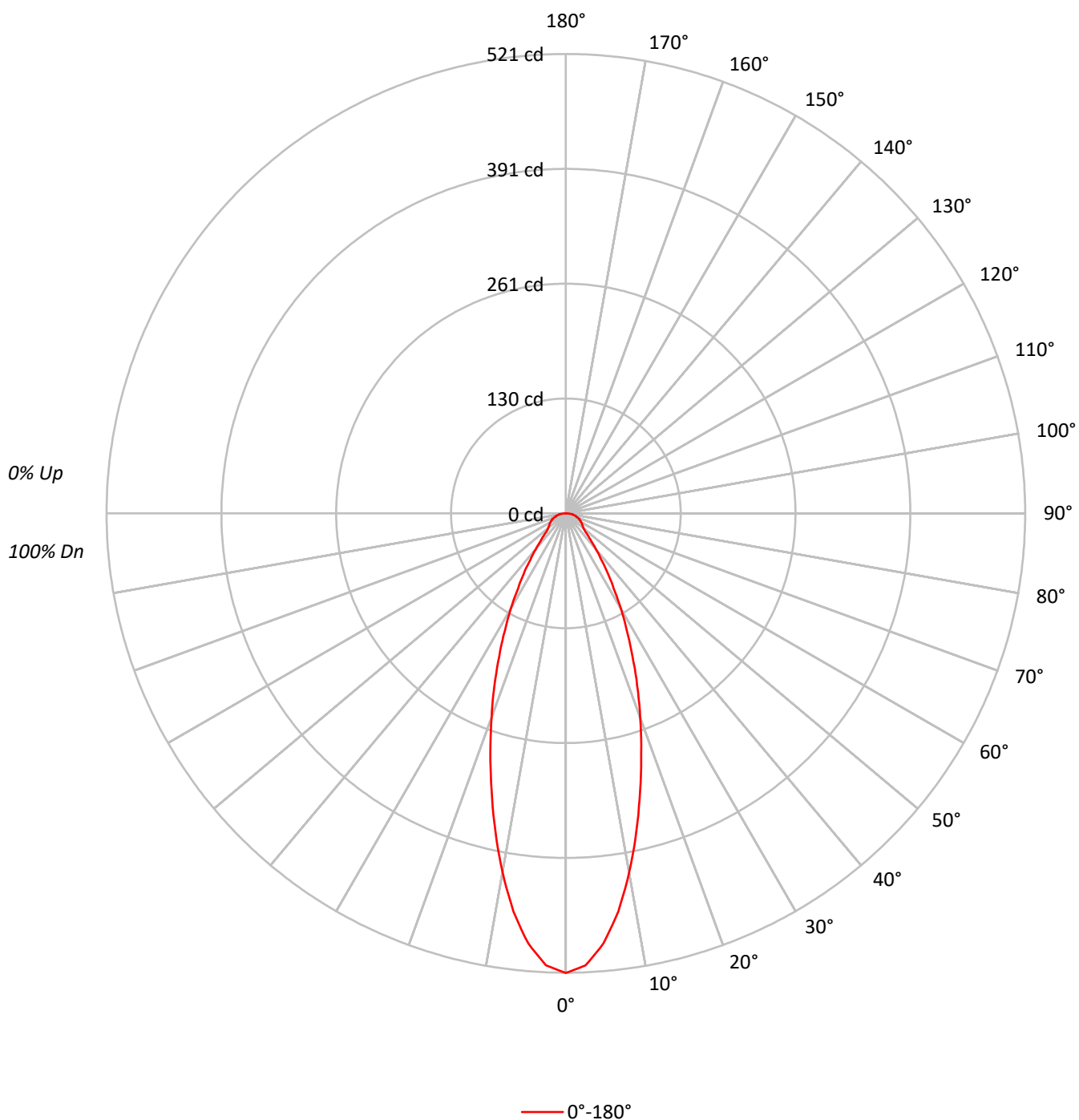
Lumens per Lamp: N/A
Luminaire Lumens: 352.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114289
5°	107770
10°	92116
15°	73826
20°	57545
25°	43261
30°	31574
35°	22245
40°	15257
45°	10916
50°	8938
55°	8640
60°	8727
65°	8924
70°	9296
75°	9913
80°	10229
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12096 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.3	12.6
10°-20°	90.4	25.7
20°-30°	82.3	23.4
30°-40°	52.4	14.9
40°-50°	28.0	8.0
50°-60°	20.5	5.8
60°-70°	17.3	4.9
70°-80°	12.0	3.4
80°-90°	4.8	1.4
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°	217.0	61.6
0°-40°	269.4	76.5
0°-60°	318.0	90.3
0°-90°	352.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	352.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	521	
5°	490	44
15°	325	90
25°	179	82
35°	83	52
45°	35	28
55°	23	21
65°	17	17
75°	12	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	521.2
2.5°	513.1
5°	489.6
7.5°	455.3
10°	413.7
12.5°	369.4
15°	325.2
17.5°	284.5
20°	246.6
22.5°	211.4
25°	178.8
27.5°	149.9
30°	124.7
32.5°	101.2
35°	83.1
37.5°	65.9
40°	53.3
42.5°	42.5
45°	35.2
47.5°	28.9
50°	26.2
52.5°	24.4
55°	22.6
57.5°	21.7
60°	19.9
62.5°	19.0
65°	17.2
67.5°	16.3
70°	14.5
72.5°	12.6
75°	11.7
77.5°	9.9
80°	8.1
82.5°	7.2
85°	4.5
87.5°	1.8
90°	0.0

(END OF REPORT)