

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: P1282991

Luminaire Tested: P3AS09R25B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282991
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

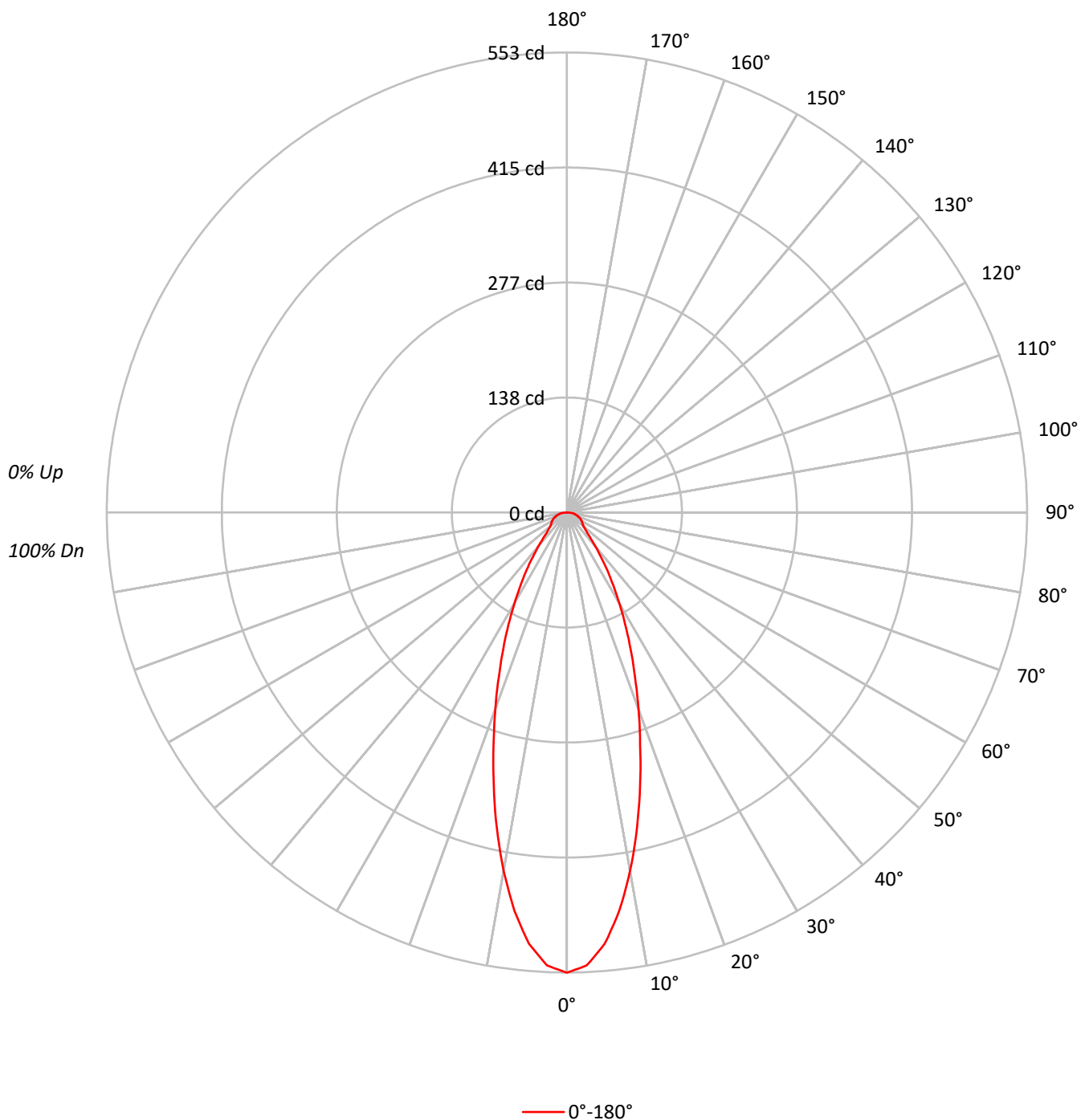
Lumens per Lamp: N/A
Luminaire Lumens: 361.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	121306
5°	114594
10°	97415
15°	77140
20°	58642
25°	43744
30°	31802
35°	22513
40°	15257
45°	10637
50°	8938
55°	8640
60°	9122
65°	9391
70°	9296
75°	9997
80°	11365
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°	47.0	13.0
10°-20°	94.1	26.1
20°-30°	83.3	23.1
30°-40°	53.1	14.7
40°-50°	28.1	7.8
50°-60°	20.6	5.7
60°-70°	17.6	4.9
70°-80°	12.4	3.4
80°-90°	4.9	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°	224.3	62.1
0°-40°	277.4	76.8
0°-60°	326.1	90.3
0°-90°	361.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	361.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	553	
5°	521	47
15°	340	94
25°	181	83
35°	84	53
45°	34	28
55°	23	21
65°	18	18
75°	12	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	553.2
2.5°	545.0
5°	520.6
7.5°	482.7
10°	437.5
12.5°	388.7
15°	339.8
17.5°	292.8
20°	251.3
22.5°	213.3
25°	180.8
27.5°	151.8
30°	125.6
32.5°	103.0
35°	84.1
37.5°	66.9
40°	53.3
42.5°	42.5
45°	34.3
47.5°	29.8
50°	26.2
52.5°	24.4
55°	22.6
57.5°	21.7
60°	20.8
62.5°	19.0
65°	18.1
67.5°	16.3
70°	14.5
72.5°	13.6
75°	11.8
77.5°	9.9
80°	9.0
82.5°	7.2
85°	4.5
87.5°	1.8
90°	0.0

(END OF REPORT)