

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: P1284708

Luminaire Tested: P3AS13R25B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284708
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R25B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

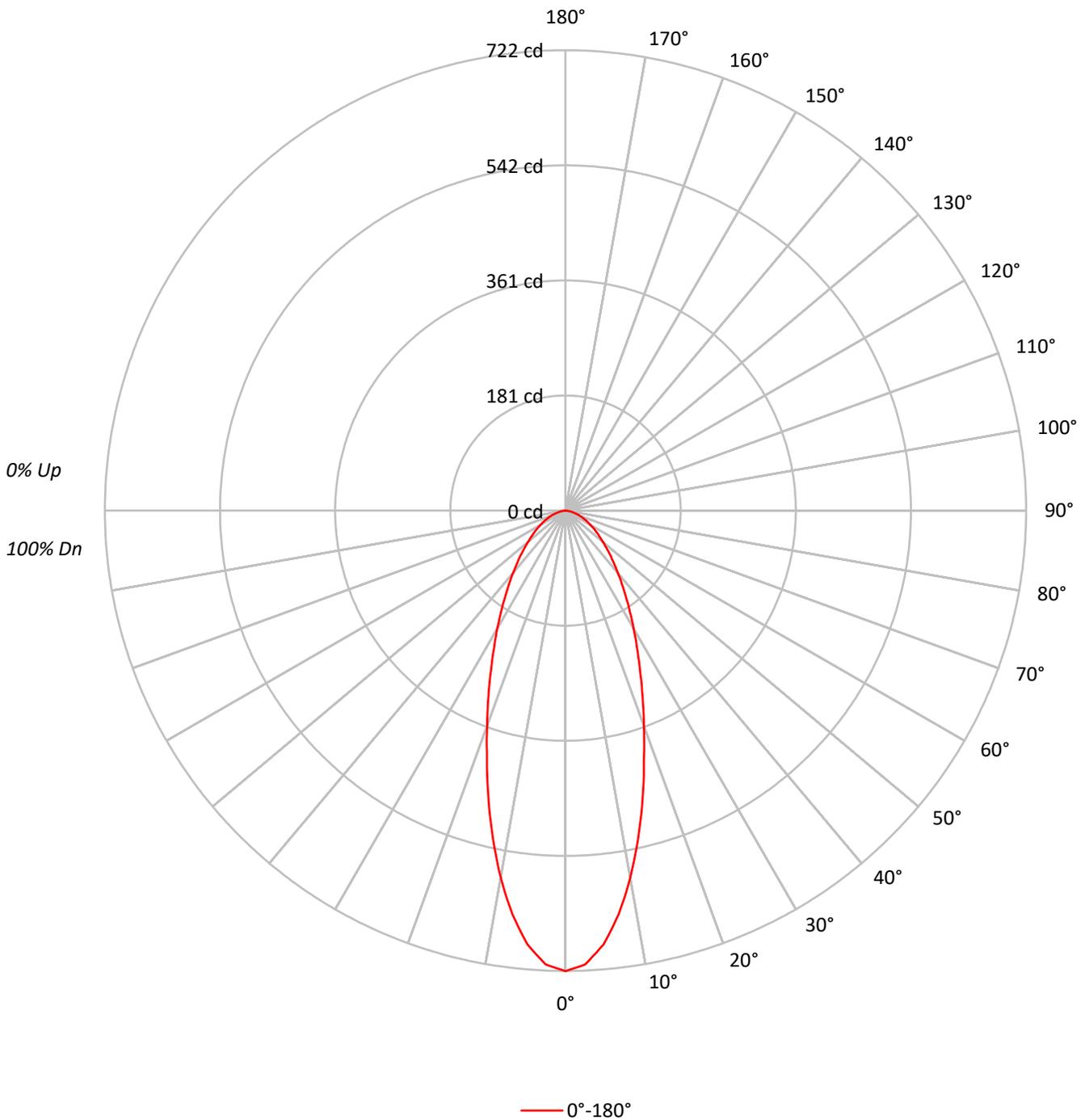
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 607.0 lumens
Efficiency: N/A
Efficacy: 31.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	158386
5°	150341
10°	130214
15°	106017
20°	83774
25°	66778
30°	54135
35°	44089
40°	36554
45°	30794
50°	26063
55°	22938
60°	20086
65°	17538
70°	15387
75°	12963
80°	9597
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 30794 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	10.2
10°-20°	129.5	21.3
20°-30°	127.6	21.0
30°-40°	103.9	17.1
40°-50°	77.1	12.7
50°-60°	53.8	8.9
60°-70°	33.7	5.6
70°-80°	16.2	2.7
80°-90°	3.1	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°	319.1	52.6
0°-40°	423.0	69.7
0°-60°	554.0	91.3
0°-90°	607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	607.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	722	
5°	683	62
15°	467	129
25°	276	128
35°	165	104
45°	99	77
55°	60	54
65°	34	34
75°	15	16
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	722.3
2.5°	712.4
5°	683.0
7.5°	638.3
10°	584.8
12.5°	525.9
15°	467.0
17.5°	409.1
20°	359.0
22.5°	315.3
25°	276.0
27.5°	242.2
30°	213.8
32.5°	187.7
35°	164.7
37.5°	145.1
40°	127.7
42.5°	112.4
45°	99.3
47.5°	87.3
50°	76.4
52.5°	67.6
55°	60.0
57.5°	52.4
60°	45.8
62.5°	39.3
65°	33.8
67.5°	28.4
70°	24.0
72.5°	19.6
75°	15.3
77.5°	10.9
80°	7.6
82.5°	4.4
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)