

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: P1282693

Luminaire Tested: P3AS09R15B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282693
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

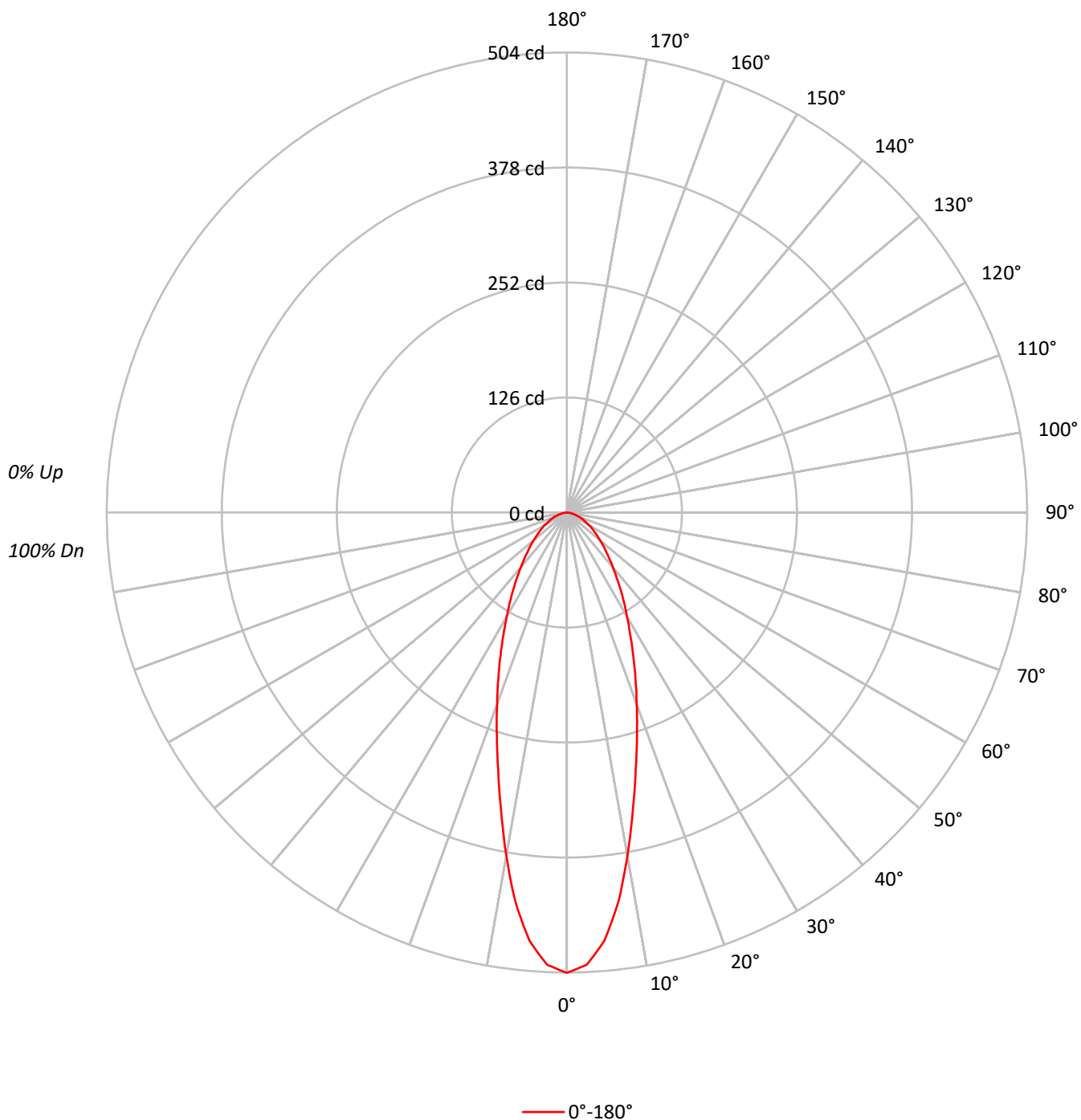
Lumens per Lamp: N/A
Luminaire Lumens: 380.0 lumens
Efficiency: N/A
Efficacy: 29.0 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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		
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90		
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	80		
3	98	90	83	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72		
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66		
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60		
6	81	70	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	55		
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	69	58	51	46	68	57	51	46	56	50	46	55	50	46	54	49	46	44		
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110583
5°	103676
10°	85013
15°	66039
20°	52131
25°	41543
30°	33347
35°	27224
40°	22442
45°	18855
50°	16204
55°	14031
60°	12411
65°	10792
70°	9617
75°	7795
80°	6314
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18855 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	11.1
10°-20°	81.5	21.4
20°-30°	79.2	20.8
30°-40°	64.0	16.8
40°-50°	47.5	12.5
50°-60°	33.2	8.7
60°-70°	20.8	5.5
70°-80°	9.9	2.6
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°	202.7	53.3
0°-40°	266.8	70.2
0°-60°	347.5	91.4
0°-90°	380.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	380.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	504	
5°	471	42
15°	291	81
25°	172	79
35°	102	64
45°	61	48
55°	37	33
65°	21	21
75°	9	10
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	504.3
2.5°	496.0
5°	471.0
7.5°	430.9
10°	381.8
12.5°	333.4
15°	290.9
17.5°	255.1
20°	223.4
22.5°	195.9
25°	171.7
27.5°	150.0
30°	131.7
32.5°	115.9
35°	101.7
37.5°	89.2
40°	78.4
42.5°	69.2
45°	60.8
47.5°	54.2
50°	47.5
52.5°	41.7
55°	36.7
57.5°	32.5
60°	28.3
62.5°	24.2
65°	20.8
67.5°	17.5
70°	15.0
72.5°	11.7
75°	9.2
77.5°	6.7
80°	5.0
82.5°	2.5
85°	1.7
87.5°	0.0
90°	0.0

(END OF REPORT)