

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: P1282692

Luminaire Tested: P3AS09R15B2750DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282692
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

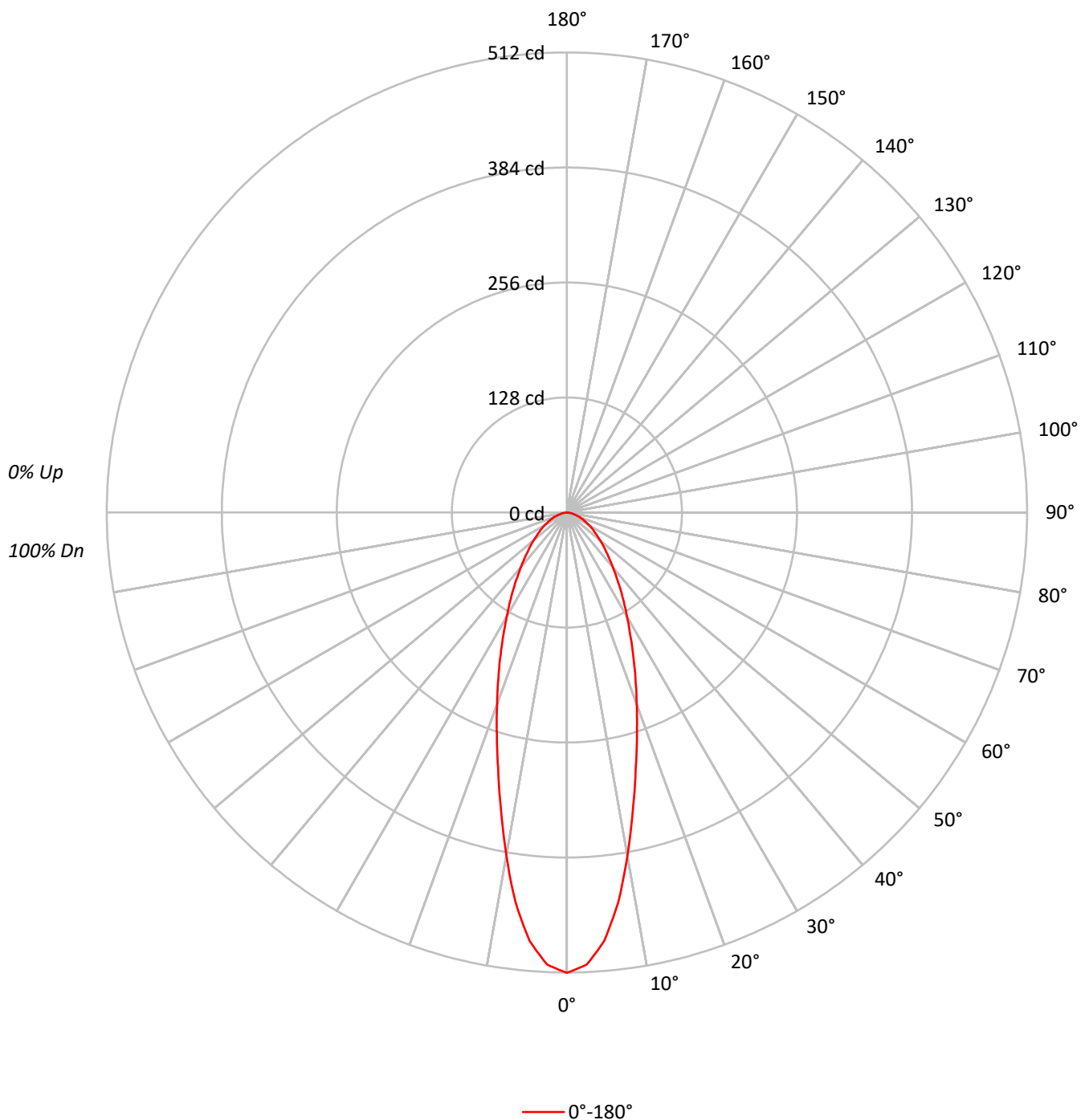
Lumens per Lamp: N/A
Luminaire Lumens: 386.0 lumens
Efficiency: N/A
Efficacy: 29.5 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112337
5°	105305
10°	86349
15°	67083
20°	52948
25°	42196
30°	33879
35°	27653
40°	22786
45°	19165
50°	16477
55°	14260
60°	12631
65°	11000
70°	9745
75°	7879
80°	6440
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19165 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.7	11.1
10°-20°	82.8	21.4
20°-30°	80.5	20.8
30°-40°	65.0	16.8
40°-50°	48.3	12.5
50°-60°	33.7	8.7
60°-70°	21.2	5.5
70°-80°	10.1	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°	205.9	53.3
0°-40°	271.0	70.2
0°-60°	353.0	91.4
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	512	
5°	478	43
15°	296	83
25°	174	80
35°	103	65
45°	62	48
55°	37	34
65°	21	21
75°	9	10
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	512.3
2.5°	503.8
5°	478.4
7.5°	437.7
10°	387.8
12.5°	338.7
15°	295.5
17.5°	259.1
20°	226.9
22.5°	199.0
25°	174.4
27.5°	152.4
30°	133.8
32.5°	117.7
35°	103.3
37.5°	90.6
40°	79.6
42.5°	70.3
45°	61.8
47.5°	55.0
50°	48.3
52.5°	42.3
55°	37.3
57.5°	33.0
60°	28.8
62.5°	24.6
65°	21.2
67.5°	17.8
70°	15.2
72.5°	11.9
75°	9.3
77.5°	6.8
80°	5.1
82.5°	2.5
85°	1.7
87.5°	0.0
90°	0.0

(END OF REPORT)