

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: P1282658

Luminaire Tested: P3AS09R15B2750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282658
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

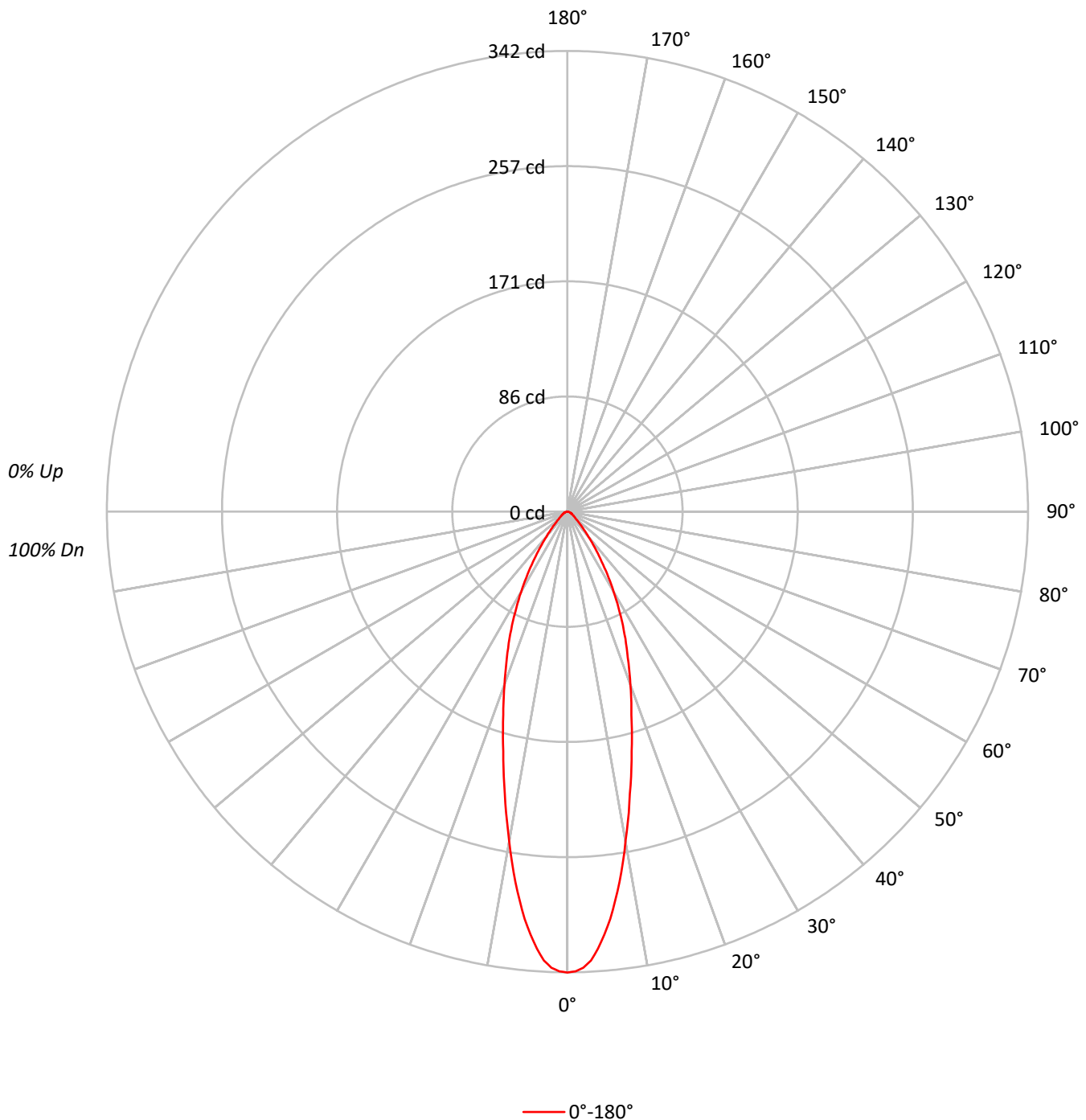
Lumens per Lamp: N/A
Luminaire Lumens: 174.0 lumens
Efficiency: N/A
Efficacy: 13.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			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	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97	96	95	93
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87	84	82	80
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82	79	77	75
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78	75	72	70
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74	71	68	66
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71	67	64	62
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67	63	60	59
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64	60	57	56
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75038
5°	69359
10°	55376
15°	41816
20°	31853
25°	24268
30°	17395
35°	11350
40°	6956
45°	4217
50°	2797
55°	2179
60°	1842
65°	1608
70°	1475
75°	1440
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4217 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.9	16.0
10°-20°	51.5	29.6
20°-30°	45.8	26.3
30°-40°	27.1	15.6
40°-50°	11.1	6.4
50°-60°	5.2	3.0
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.4	0.3
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°	125.2	72.0
0°-40°	152.4	87.5
0°-60°	168.8	97.0
0°-90°	174.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	174.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	342	
5°	315	28
15°	184	51
25°	100	46
35°	42	27
45°	14	11
55°	6	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	342.2
1°	341.3
2°	338.8
3°	333.7
4°	325.2
5°	315.1
6°	304.0
7°	291.0
8°	277.5
9°	263.6
10°	248.7
12.5°	214.5
15°	184.2
17.5°	158.2
20°	136.5
22.5°	117.3
25°	100.3
27.5°	83.9
30°	68.7
32.5°	54.8
35°	42.4
37.5°	32.5
40°	24.3
42.5°	18.1
45°	13.6
47.5°	10.5
50°	8.2
52.5°	6.8
55°	5.7
57.5°	4.8
60°	4.2
62.5°	3.7
65°	3.1
67.5°	2.8
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.1
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)