

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: P1282608

Luminaire Tested: P3AS09R15B2750DE010 E3DL1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282608
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3DL1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

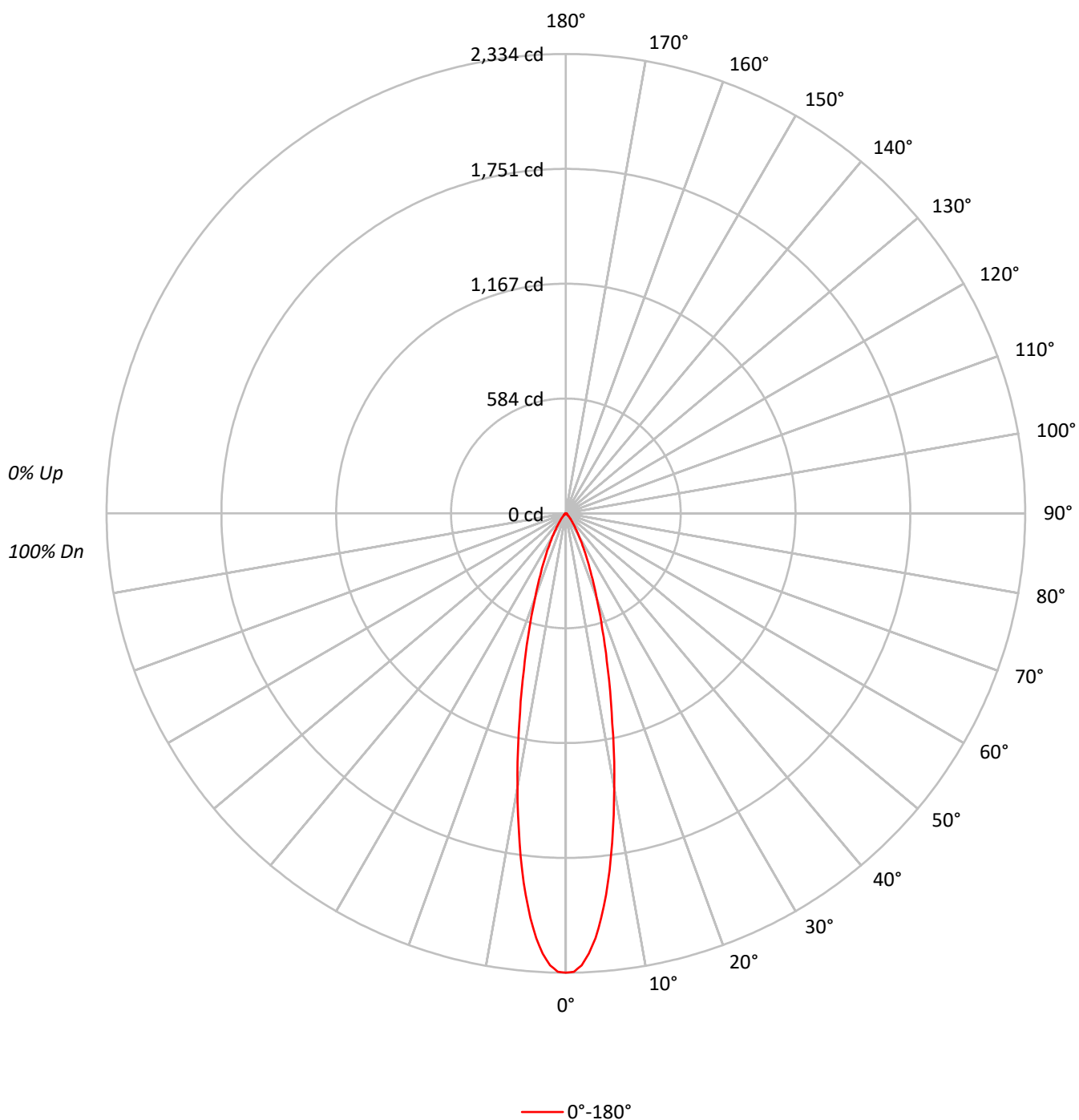
Lumens per Lamp: N/A
Luminaire Lumens: 599.0 lumens
Efficiency: N/A
Efficacy: 45.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97		95			
2	110	106	103	100		108	104	101	99		101	99	97		98	96	95		96	94	93		91			
3	106	101	97	93		104	99	96	93		97	94	91		94	92	90		92	90	88		87			
4	102	96	92	88		100	95	91	88		93	89	87		91	88	86		89	87	85		83			
5	98	92	87	84		97	91	87	83		89	85	83		88	84	82		86	83	81		80			
6	95	88	83	80		94	87	83	80		86	82	79		85	81	79		83	80	78		77			
7	92	85	80	77		91	84	80	76		83	79	76		82	78	76		81	78	75		74			
8	89	81	77	74		88	81	77	73		80	76	73		79	75	73		78	75	73		72			
9	86	79	74	71		85	78	74	71		77	73	71		77	73	70		76	73	70		69			
10	84	76	71	68		83	76	71	68		75	71	68		74	71	68		74	70	68		67			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	511713
5°	454214
10°	315425
15°	186539
20°	106246
25°	60729
30°	33600
35°	17909
40°	9904
45°	5365
50°	3343
55°	2638
60°	2281
65°	2075
70°	1859
75°	1949
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.5	29.3
10°-20°	231.6	38.7
20°-30°	119.2	19.9
30°-40°	44.8	7.5
40°-50°	14.6	2.4
50°-60°	6.3	1.1
60°-70°	4.0	0.7
70°-80°	2.4	0.4
80°-90°	0.7	0.1
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°	526.3	87.9
0°-40°	571.1	95.3
0°-60°	592.0	98.8
0°-90°	599.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	599.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2334	
5°	2064	175
15°	822	232
25°	251	119
35°	67	45
45°	17	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2333.6
1°	2328.9
2°	2298.4
3°	2240.1
4°	2163.3
5°	2063.5
6°	1950.4
7°	1826.3
8°	1688.4
9°	1552.2
10°	1416.6
12.5°	1090.0
15°	821.7
17.5°	615.1
20°	455.3
22.5°	339.9
25°	251.0
27.5°	182.9
30°	132.7
32.5°	94.1
35°	66.9
37.5°	47.9
40°	34.6
42.5°	24.8
45°	17.3
47.5°	12.7
50°	9.8
52.5°	8.1
55°	6.9
57.5°	5.8
60°	5.2
62.5°	4.6
65°	4.0
67.5°	3.5
70°	2.9
72.5°	2.9
75°	2.3
77.5°	1.7
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)