

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: P1282567

Luminaire Tested: P3AS09R15B2750DE010 E3CD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282567
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRIS
Catalog Number: P3AS09R15B2750DE010 E3CD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

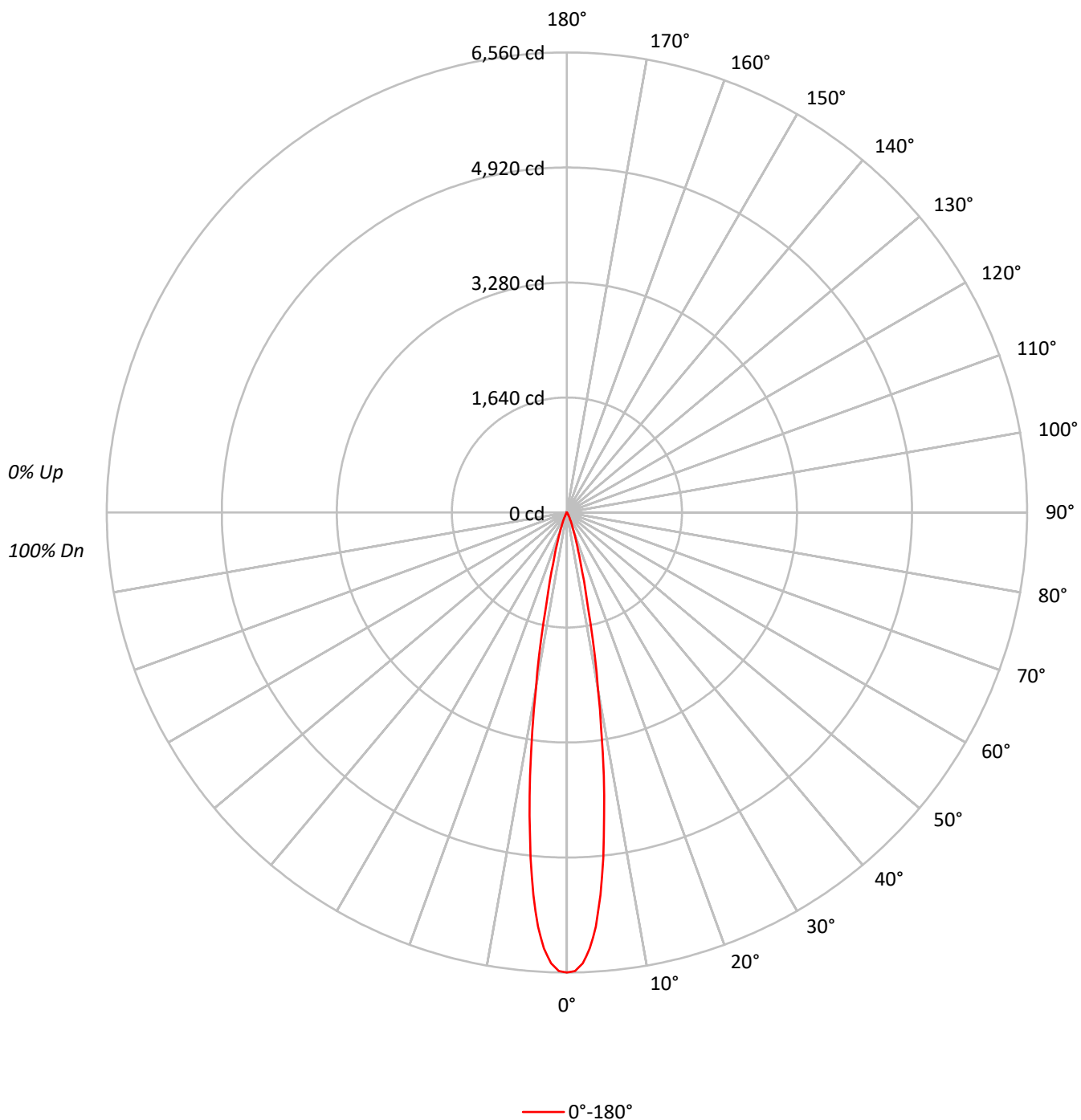
Lumens per Lamp: N/A
Luminaire Lumens: 740.1 lumens
Efficiency: N/A
Efficacy: 56.5 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	116	114	112	111		113	112	110	109		108	107	106		104	103	103		101	100	100
2	113	110	107	105		111	108	106	104		105	103	101		102	101	99		99	98	97
3	110	106	103	100		108	105	102	100		102	100	98		100	98	97		98	97	95
4	107	103	100	97		106	102	99	97		100	97	95		98	96	94		97	95	93
5	105	100	97	94		104	99	96	94		98	95	93		96	94	92		95	93	92
6	103	98	94	92		102	97	94	92		96	93	91		95	92	91		94	92	90
7	101	96	92	90		100	95	92	90		94	91	89		93	91	89		92	90	89
8	99	94	90	88		98	93	90	88		92	90	88		92	89	87		91	89	87
9	97	92	89	87		97	92	89	86		91	88	86		90	88	86		90	87	86
10	96	90	87	85		95	90	87	85		89	87	85		89	86	85		88	86	85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1438394
5°	1205500
10°	567836
15°	171193
20°	63356
25°	24630
30°	9191
35°	2811
40°	1002
45°	558
50°	409
55°	459
60°	526
65°	311
70°	385
75°	508
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 558 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	423.4	57.2
10°-20°	251.7	34.0
20°-30°	52.9	7.1
30°-40°	8.5	1.2
40°-50°	1.5	0.2
50°-60°	1.1	0.1
60°-70°	0.7	0.1
70°-80°	0.4	0.1
80°-90°	0.0	0.0
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°	727.9	98.4
0°-40°	736.5	99.5
0°-60°	739.0	99.9
0°-90°	740.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	740.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6560	
5°	5477	423
15°	754	252
25°	102	53
35°	10	9
45°	2	1
55°	1	1
65°	1	1
75°	1	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6559.6
1°	6539.1
2°	6434.9
3°	6226.7
4°	5921.3
5°	5476.6
6°	4954.2
7°	4356.8
8°	3786.4
9°	3140.5
10°	2550.2
12.5°	1376.0
15°	754.1
17.5°	441.7
20°	271.5
22.5°	166.2
25°	101.8
27.5°	61.4
30°	36.3
32.5°	20.5
35°	10.5
37.5°	5.9
40°	3.5
42.5°	2.3
45°	1.8
47.5°	1.2
50°	1.2
52.5°	1.2
55°	1.2
57.5°	1.2
60°	1.2
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)