

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: P1251640

Luminaire Tested: P3AS09R459030DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251640
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459030DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

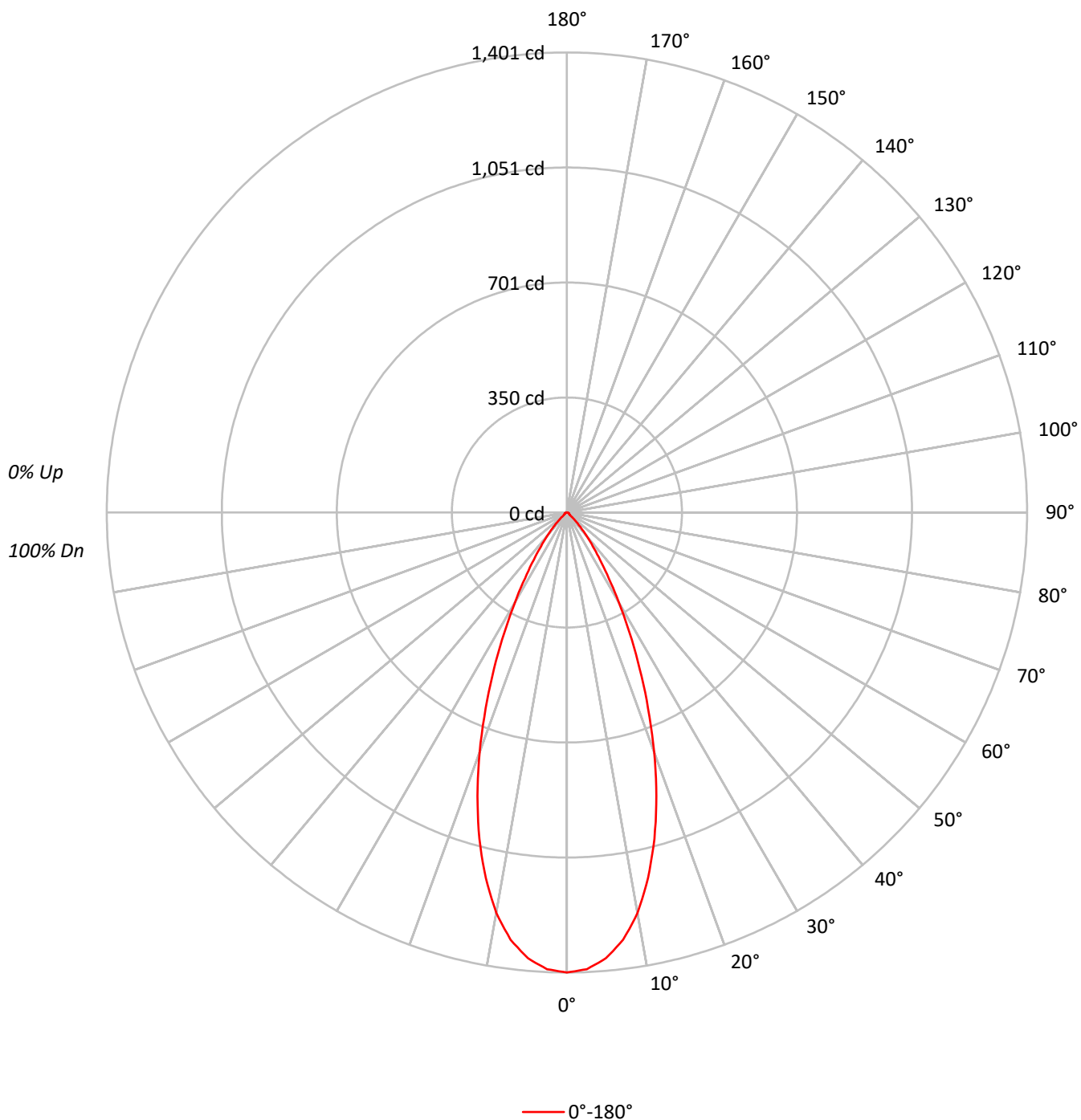
Lumens per Lamp: N/A
Luminaire Lumens: 818.0 lumens
Efficiency: N/A
Efficacy: 73.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	114	111	109	107		111	109	107	105		105	103	102		101	100	99		98	97	96
2	109	104	100	97		106	102	99	96		99	96	94		96	94	92		93	91	90
3	104	98	93	89		102	96	92	88		94	90	87		91	88	86		89	86	84
4	99	92	87	83		97	91	86	82		89	85	81		87	83	80		85	82	79
5	94	87	81	77		93	86	81	77		84	80	76		82	79	76		81	78	75
6	90	82	76	73		89	81	76	72		80	75	72		78	74	71		77	74	71
7	86	78	72	68		85	77	72	68		76	71	68		75	71	67		74	70	67
8	83	74	68	65		82	73	68	64		72	68	64		71	67	64		70	67	64
9	79	70	65	61		78	70	65	61		69	64	61		68	64	61		67	63	61
10	76	67	62	58		75	67	62	58		66	61	58		65	61	58		65	61	58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	307190
5°	299977
10°	275769
15°	233668
20°	181292
25°	126733
30°	79835
35°	47007
40°	26593
45°	12932
50°	4503
55°	3632
60°	3508
65°	3424
70°	3270
75°	3135
80°	2778
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12932 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.2	15.4
10°-20°	282.6	34.6
20°-30°	240.0	29.3
30°-40°	114.5	14.0
40°-50°	34.5	4.2
50°-60°	8.7	1.1
60°-70°	6.5	0.8
70°-80°	3.9	0.5
80°-90°	1.1	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°	648.8	79.3
0°-40°	763.3	93.3
0°-60°	806.5	98.6
0°-90°	818.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	818.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1401	
5°	1363	126
15°	1029	283
25°	524	240
35°	176	115
45°	42	34
55°	10	9
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1400.9
2.5°	1392.1
5°	1362.8
7.5°	1312.4
10°	1238.5
12.5°	1140.5
15°	1029.3
17.5°	905.6
20°	776.9
22.5°	645.9
25°	523.8
27.5°	412.6
30°	315.3
32.5°	237.0
35°	175.6
37.5°	129.5
40°	92.9
42.5°	64.4
45°	41.7
47.5°	23.4
50°	13.2
52.5°	10.2
55°	9.5
57.5°	8.8
60°	8.0
62.5°	7.3
65°	6.6
67.5°	5.9
70°	5.1
72.5°	4.4
75°	3.7
77.5°	2.9
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)