

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: P1248768

Luminaire Tested: P3AS09R159027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248768
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: P3AS09R159027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

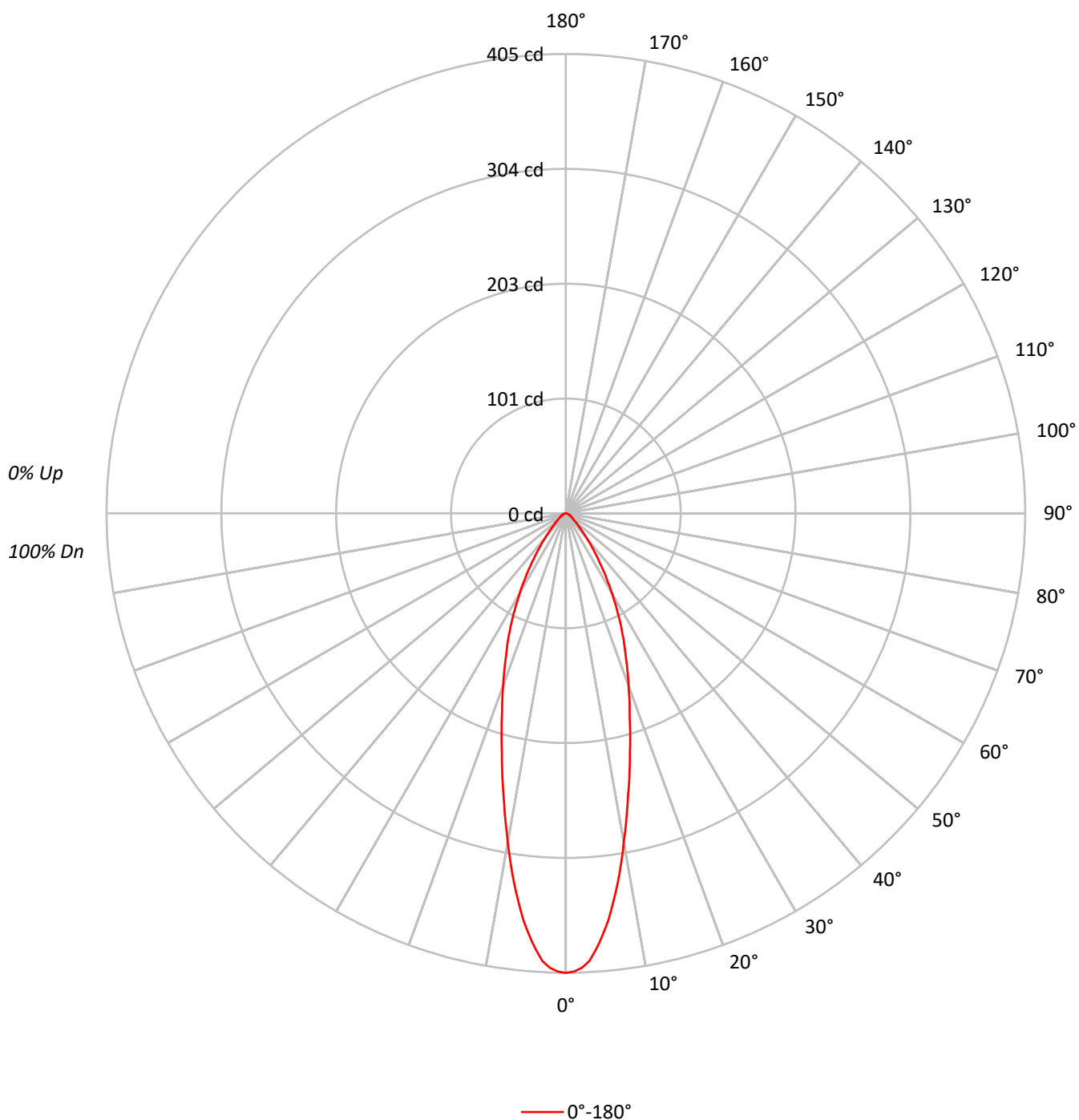
Lumens per Lamp: N/A
Luminaire Lumens: 206.0 lumens
Efficiency: N/A
Efficacy: 18.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	73		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88831
5°	82104
10°	65552
15°	49512
20°	37710
25°	28744
30°	20585
35°	13438
40°	8244
45°	4993
50°	3309
55°	2561
60°	2193
65°	1920
70°	1731
75°	1694
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4993 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.0	16.0
10°-20°	61.0	29.6
20°-30°	54.3	26.4
30°-40°	32.1	15.6
40°-50°	13.2	6.4
50°-60°	6.2	3.0
60°-70°	3.7	1.8
70°-80°	2.0	1.0
80°-90°	0.5	0.2
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°	148.3	72.0
0°-40°	180.4	87.6
0°-60°	199.8	97.0
0°-90°	206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	405	
5°	373	33
15°	218	61
25°	119	54
35°	50	32
45°	16	13
55°	7	6
65°	4	4
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	405.1
1°	404.1
2°	401.1
3°	395.1
4°	385.0
5°	373.0
6°	359.9
7°	344.6
8°	328.5
9°	312.1
10°	294.4
12.5°	253.9
15°	218.1
17.5°	187.3
20°	161.6
22.5°	138.8
25°	118.8
27.5°	99.4
30°	81.3
32.5°	64.9
35°	50.2
37.5°	38.5
40°	28.8
42.5°	21.4
45°	16.1
47.5°	12.4
50°	9.7
52.5°	8.0
55°	6.7
57.5°	5.7
60°	5.0
62.5°	4.3
65°	3.7
67.5°	3.3
70°	2.7
72.5°	2.3
75°	2.0
77.5°	1.3
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)