

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: P1252258

Luminaire Tested: P3AS17R159030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252258
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: P3AS17R159030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

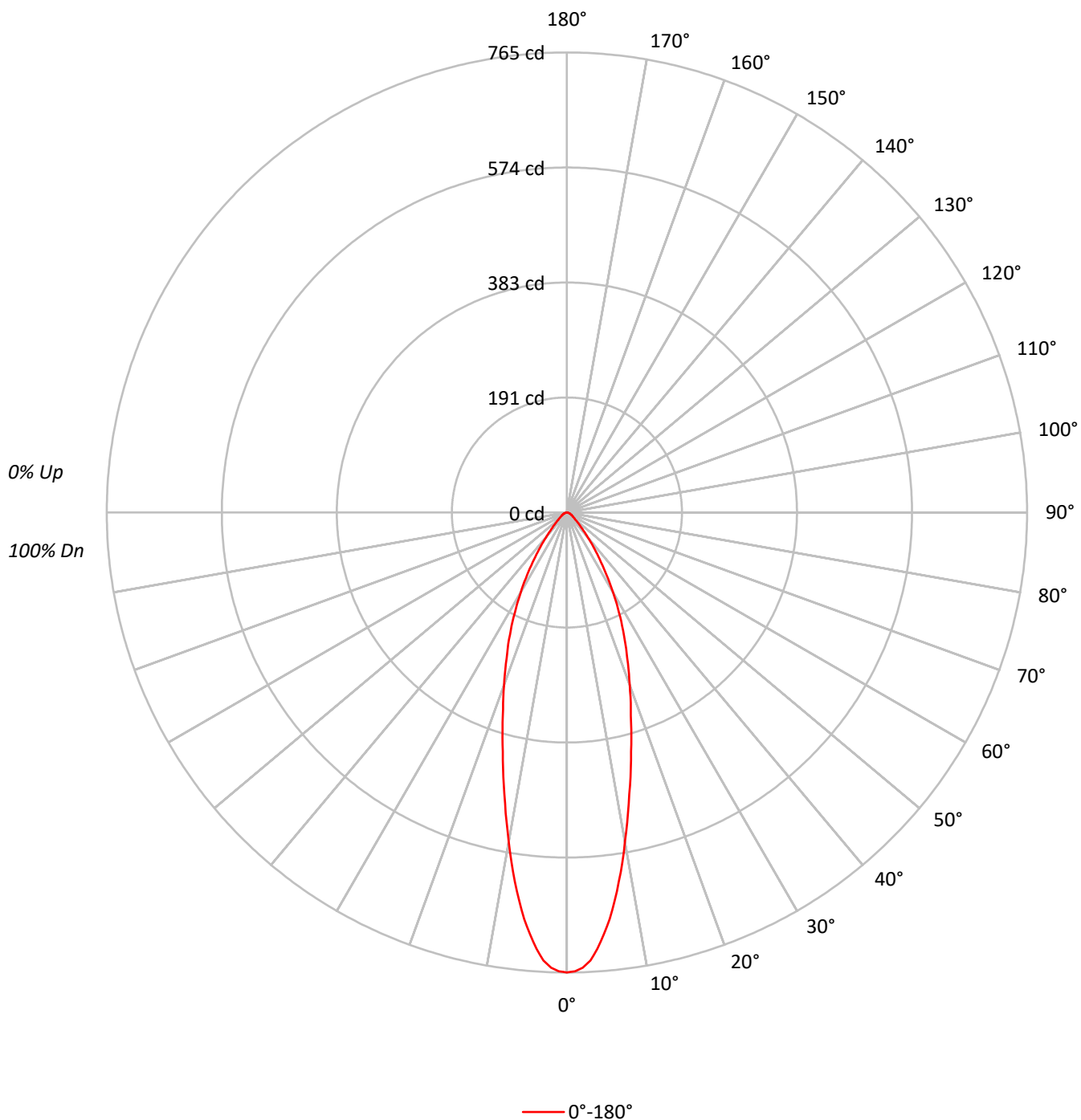
Lumens per Lamp: N/A
Luminaire Lumens: 389.0 lumens
Efficiency: N/A
Efficacy: 18.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	72		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°	167750
5°	155029
10°	123779
15°	93508
20°	71196
25°	54269
30°	38867
35°	25377
40°	15543
45°	9396
50°	6243
55°	4817
60°	4166
65°	3580
70°	3270
75°	3219
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9396 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.4	16.0
10°-20°	115.1	29.6
20°-30°	102.5	26.4
30°-40°	60.6	15.6
40°-50°	24.9	6.4
50°-60°	11.7	3.0
60°-70°	7.1	1.8
70°-80°	3.7	1.0
80°-90°	0.9	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°	280.0	72.0
0°-40°	340.6	87.6
0°-60°	377.2	97.0
0°-90°	389.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	765	
5°	704	62
15°	412	115
25°	224	102
35°	95	61
45°	30	25
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	765.0
1°	763.1
2°	757.4
3°	746.0
4°	727.1
5°	704.3
6°	679.7
7°	650.6
8°	620.3
9°	589.4
10°	555.9
12.5°	479.5
15°	411.9
17.5°	353.7
20°	305.1
22.5°	262.2
25°	224.3
27.5°	187.6
30°	153.5
32.5°	122.5
35°	94.8
37.5°	72.6
40°	54.3
42.5°	40.4
45°	30.3
47.5°	23.4
50°	18.3
52.5°	15.2
55°	12.6
57.5°	10.7
60°	9.5
62.5°	8.2
65°	6.9
67.5°	6.3
70°	5.1
72.5°	4.4
75°	3.8
77.5°	2.5
80°	1.9
82.5°	1.3
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)