

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: P1249641

Luminaire Tested: P3AS17R309027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249641
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

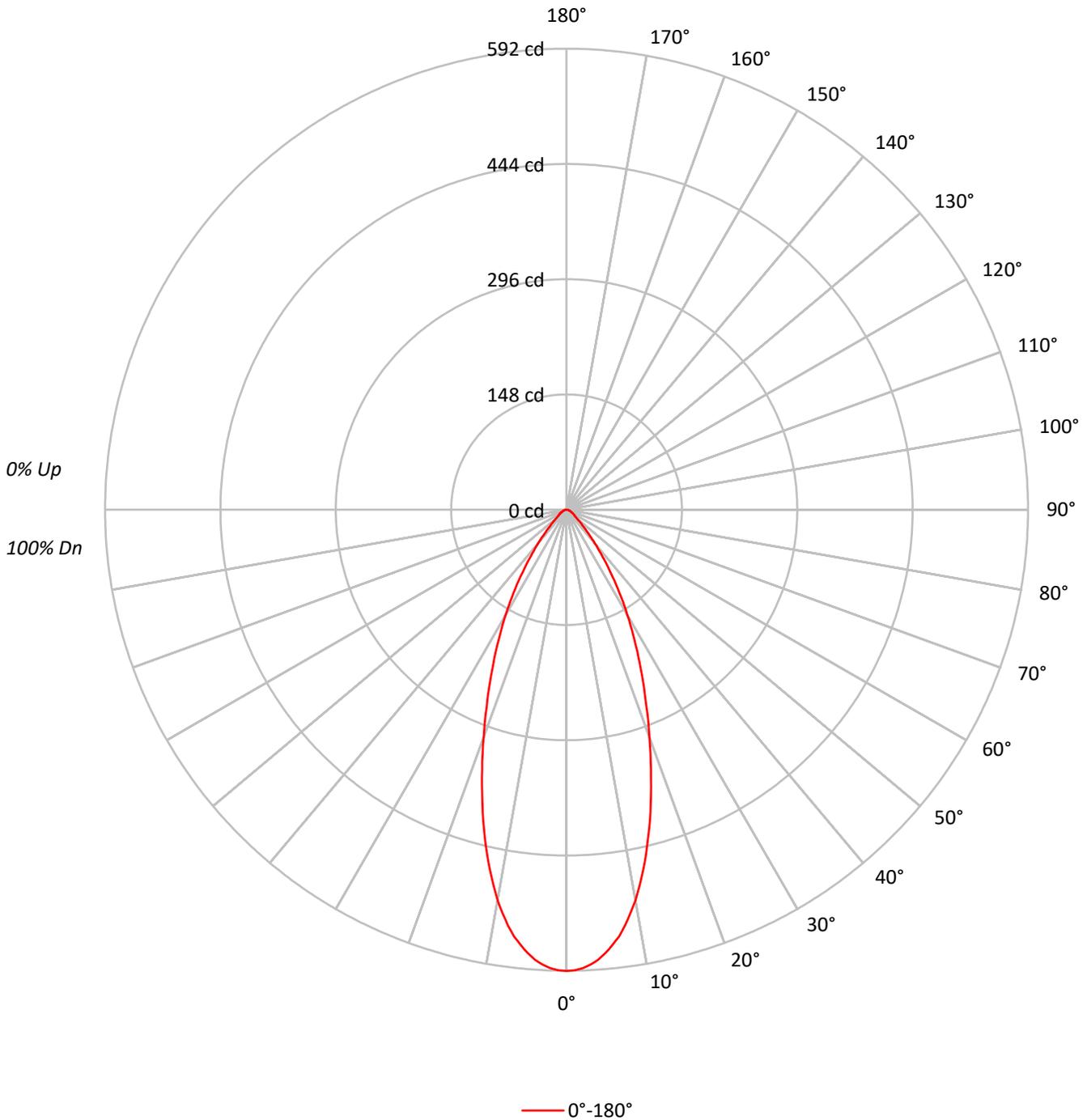
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 380.0 lumens
Efficiency: N/A
Efficacy: 17.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	129858
5°	125820
10°	113358
15°	93780
20°	72596
25°	54463
30°	39525
35°	26341
40°	16202
45°	9489
50°	5833
55°	4741
60°	4122
65°	3373
70°	3013
75°	2965
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9489 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.6	13.8
10°-20°	113.8	29.9
20°-30°	103.5	27.2
30°-40°	62.6	16.5
40°-50°	25.1	6.6
50°-60°	11.1	2.9
60°-70°	6.7	1.8
70°-80°	3.6	1.0
80°-90°	1.1	0.3
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°	269.8	71.0
0°-40°	332.4	87.5
0°-60°	368.6	97.0
0°-90°	380.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	380.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	592	
5°	572	53
15°	413	114
25°	225	104
35°	98	63
45°	31	25
55°	12	11
65°	6	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	592.2
1°	591.6
2°	589.2
3°	585.1
4°	579.2
5°	571.6
6°	562.1
7°	552.1
8°	539.1
9°	524.4
10°	509.1
11°	491.4
12°	472.6
13°	453.7
14°	433.1
15°	413.1
17.5°	360.6
20°	311.1
22.5°	265.2
25°	225.1
27.5°	188.6
30°	156.1
32.5°	126.1
35°	98.4
37.5°	75.4
40°	56.6
42.5°	41.2
45°	30.6
47.5°	23.0
50°	17.1
52.5°	13.6
55°	12.4
57.5°	10.6
60°	9.4
62.5°	7.7
65°	6.5
67.5°	5.9
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	1.8
82.5°	1.2
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)