

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: P1274375

Luminaire Tested: P3AS17R309830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274375
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: P3AS17R309830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

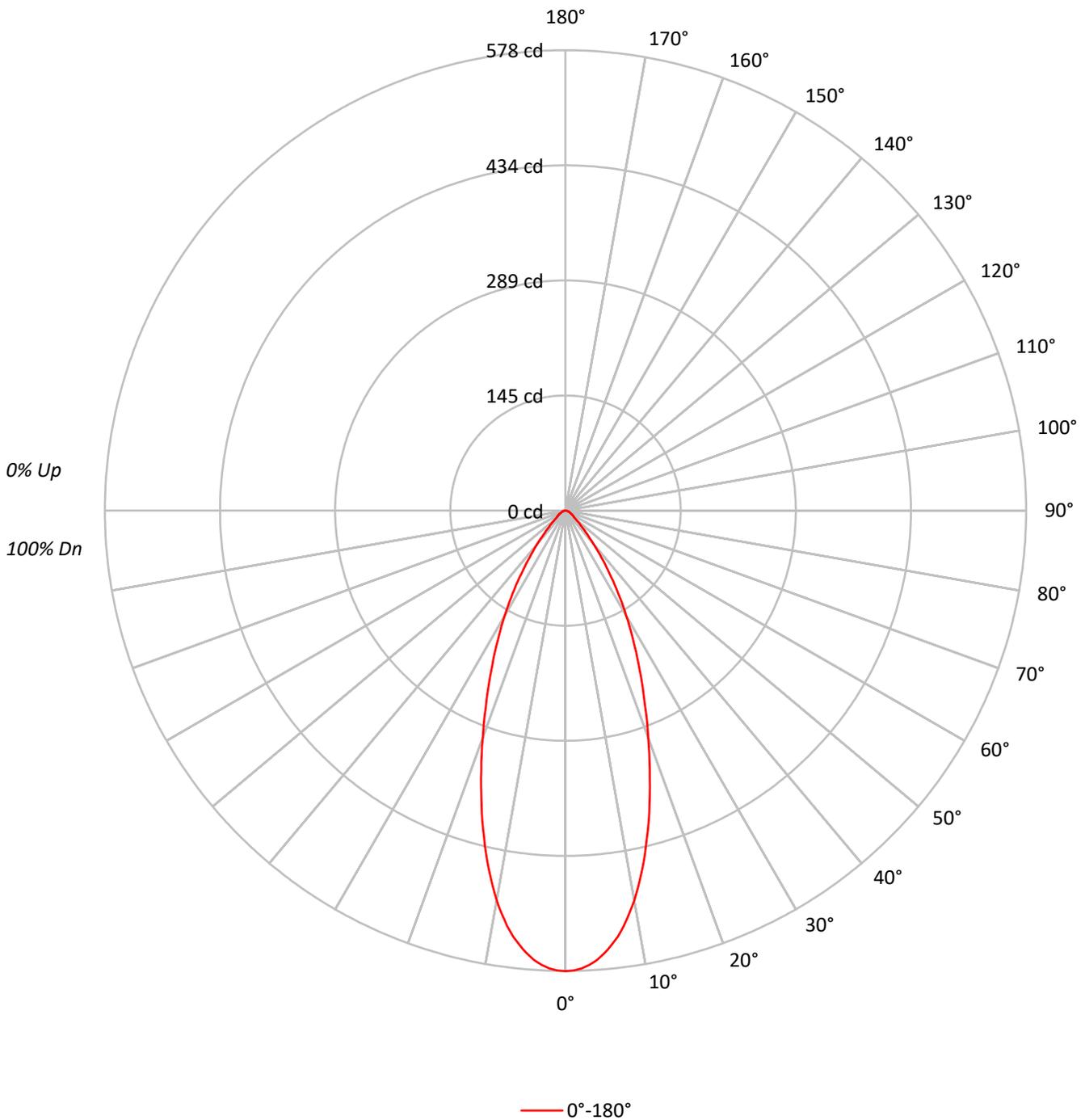
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 371.0 lumens
Efficiency: N/A
Efficacy: 18.2 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): 20.4
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	60	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126788
5°	122826
10°	110664
15°	91556
20°	70869
25°	53180
30°	38588
35°	25725
40°	15801
45°	9272
50°	5697
55°	4626
60°	4035
65°	3269
70°	2949
75°	2965
80°	2147
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9272 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.3	13.8
10°-20°	111.1	29.9
20°-30°	101.0	27.2
30°-40°	61.1	16.5
40°-50°	24.5	6.6
50°-60°	10.9	2.9
60°-70°	6.5	1.8
70°-80°	3.6	1.0
80°-90°	1.0	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°	263.4	71.0
0°-40°	324.5	87.5
0°-60°	359.9	97.0
0°-90°	371.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	371.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	578	
5°	558	51
15°	403	111
25°	220	101
35°	96	61
45°	30	24
55°	12	11
65°	6	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	578.2
1°	577.6
2°	575.3
3°	571.2
4°	565.5
5°	558.0
6°	548.8
7°	539.0
8°	526.4
9°	512.0
10°	497.0
11°	479.8
12°	461.4
13°	443.0
14°	422.8
15°	403.3
17.5°	352.1
20°	303.7
22.5°	258.9
25°	219.8
27.5°	184.1
30°	152.4
32.5°	123.1
35°	96.1
37.5°	73.6
40°	55.2
42.5°	40.3
45°	29.9
47.5°	22.4
50°	16.7
52.5°	13.2
55°	12.1
57.5°	10.4
60°	9.2
62.5°	7.5
65°	6.3
67.5°	5.8
70°	4.6
72.5°	4.0
75°	3.5
77.5°	2.9
80°	1.7
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)