

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: P1250810

Luminaire Tested: P3AS02R359030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250810
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

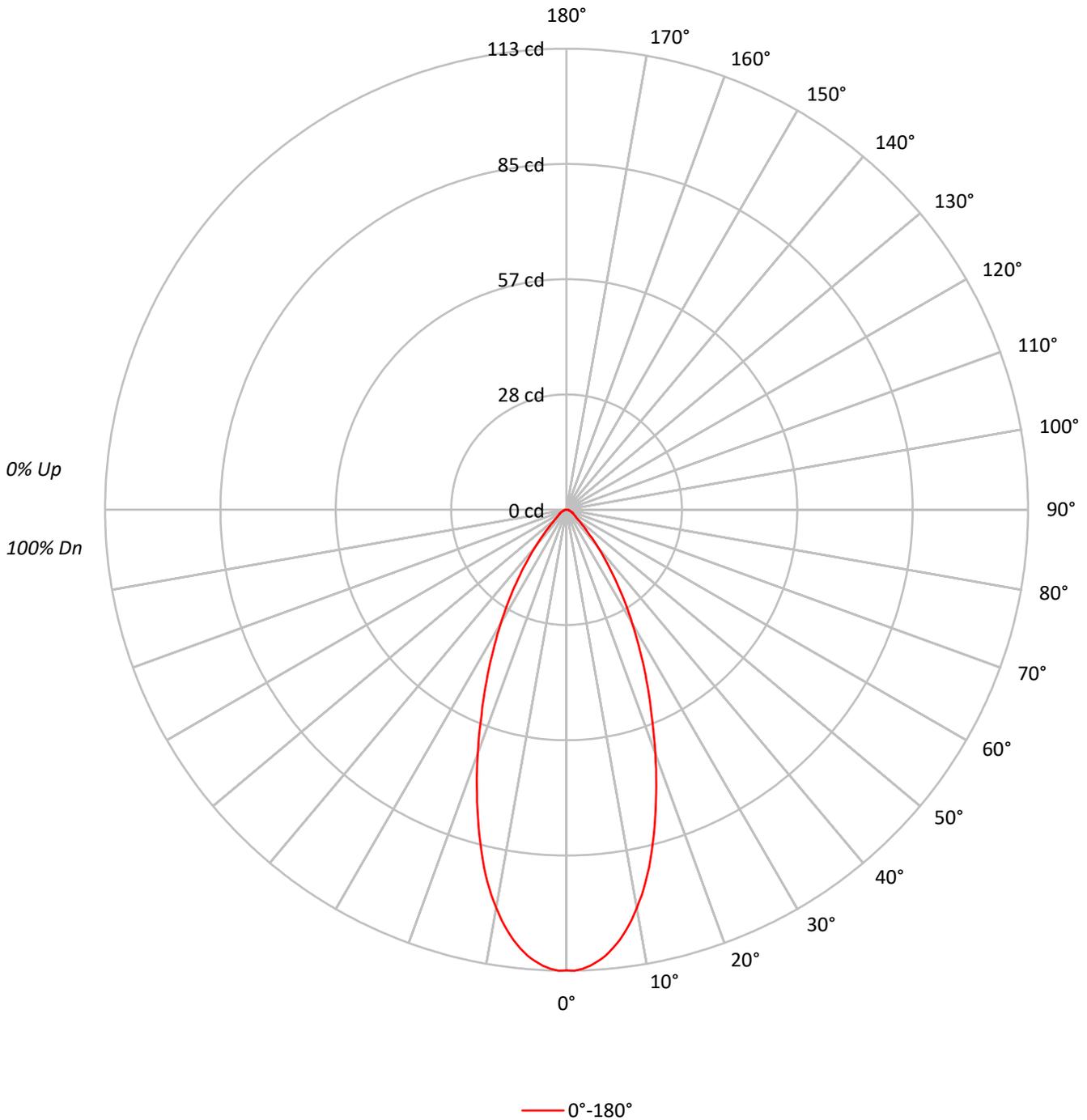
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 77.0 lumens
Efficiency: N/A
Efficacy: 21.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	88	88	88	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	81	81	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	70	65	62	62	62	62	61
8	79	70	64	60	78	69	63	60	68	63	59	67	62	59	66	62	59	59	59	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	53	53	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	24757
5°	24147
10°	22066
15°	18729
20°	14818
25°	11226
30°	8153
35°	5514
40°	3406
45°	1954
50°	1160
55°	956
60°	833
65°	726
70°	577
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1954 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.1	13.2
10°-20°	22.7	29.6
20°-30°	21.3	27.6
30°-40°	13.0	16.9
40°-50°	5.1	6.7
50°-60°	2.2	2.9
60°-70°	1.4	1.8
70°-80°	0.7	1.0
80°-90°	0.3	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°	54.2	70.4
0°-40°	67.2	87.3
0°-60°	74.6	96.9
0°-90°	77.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	77.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	113	
5°	110	10
15°	82	23
25°	46	21
35°	21	13
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	112.9
1°	113.0
2°	112.6
3°	111.9
4°	110.9
5°	109.7
6°	108.1
7°	106.3
8°	104.2
9°	101.8
10°	99.1
11°	96.3
12°	93.2
13°	89.9
14°	86.2
15°	82.5
17.5°	73.0
20°	63.5
22.5°	54.4
25°	46.4
27.5°	38.9
30°	32.2
32.5°	26.1
35°	20.6
37.5°	15.8
40°	11.9
42.5°	8.5
45°	6.3
47.5°	4.5
50°	3.4
52.5°	2.8
55°	2.5
57.5°	2.1
60°	1.9
62.5°	1.7
65°	1.4
67.5°	1.2
70°	0.9
72.5°	0.8
75°	0.7
77.5°	0.6
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)