

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: P1250798

Luminaire Tested: P3AS02R359030DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250798
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359030DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

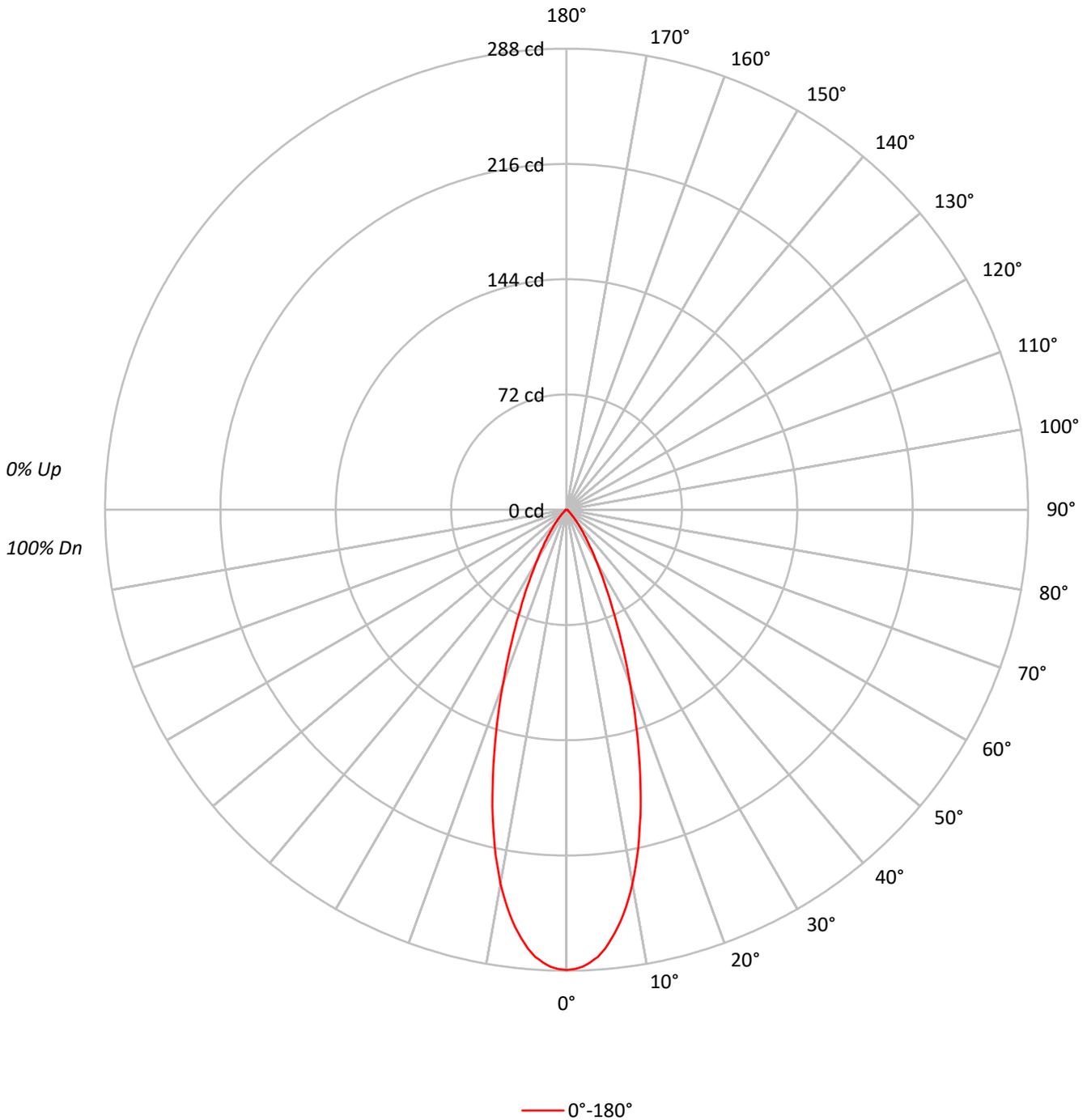
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 125.0 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
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				
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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	82	82	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	78	78	78	77
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	74	74	74	73
7	89	81	76	72	88	80	75	72	79	75	72	78	74	71	77	73	71	71	71	71	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	68	68	68	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	65	65	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	62	62	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63043
5°	60599
10°	52794
15°	40432
20°	27046
25°	16380
30°	9394
35°	5247
40°	2805
45°	1427
50°	682
55°	535
60°	526
65°	415
70°	449
75°	424
80°	505
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1427 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.0	20.0
10°-20°	48.5	38.8
20°-30°	31.8	25.4
30°-40°	12.9	10.3
40°-50°	3.9	3.1
50°-60°	1.3	1.0
60°-70°	0.9	0.7
70°-80°	0.5	0.4
80°-90°	0.2	0.1
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°	105.4	84.3
0°-40°	118.2	94.6
0°-60°	123.4	98.7
0°-90°	125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	125.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	288	
5°	275	25
15°	178	49
25°	68	32
35°	20	13
45°	5	4
55°	1	1
65°	1	1
75°	0	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	287.5
1°	287.0
2°	285.7
3°	283.1
4°	280.0
5°	275.3
6°	269.3
7°	262.7
8°	255.2
9°	246.6
10°	237.1
11°	226.5
12°	215.5
13°	203.1
14°	191.3
15°	178.1
17.5°	146.1
20°	115.9
22.5°	89.2
25°	67.7
27.5°	50.4
30°	37.1
32.5°	27.2
35°	19.6
37.5°	13.9
40°	9.8
42.5°	6.8
45°	4.6
47.5°	3.1
50°	2.0
52.5°	1.5
55°	1.4
57.5°	1.3
60°	1.2
62.5°	1.1
65°	0.8
67.5°	0.7
70°	0.7
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.4
82.5°	0.2
85°	0.1
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)