

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: P1258823

Luminaire Tested: P3AS02R259050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258823
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

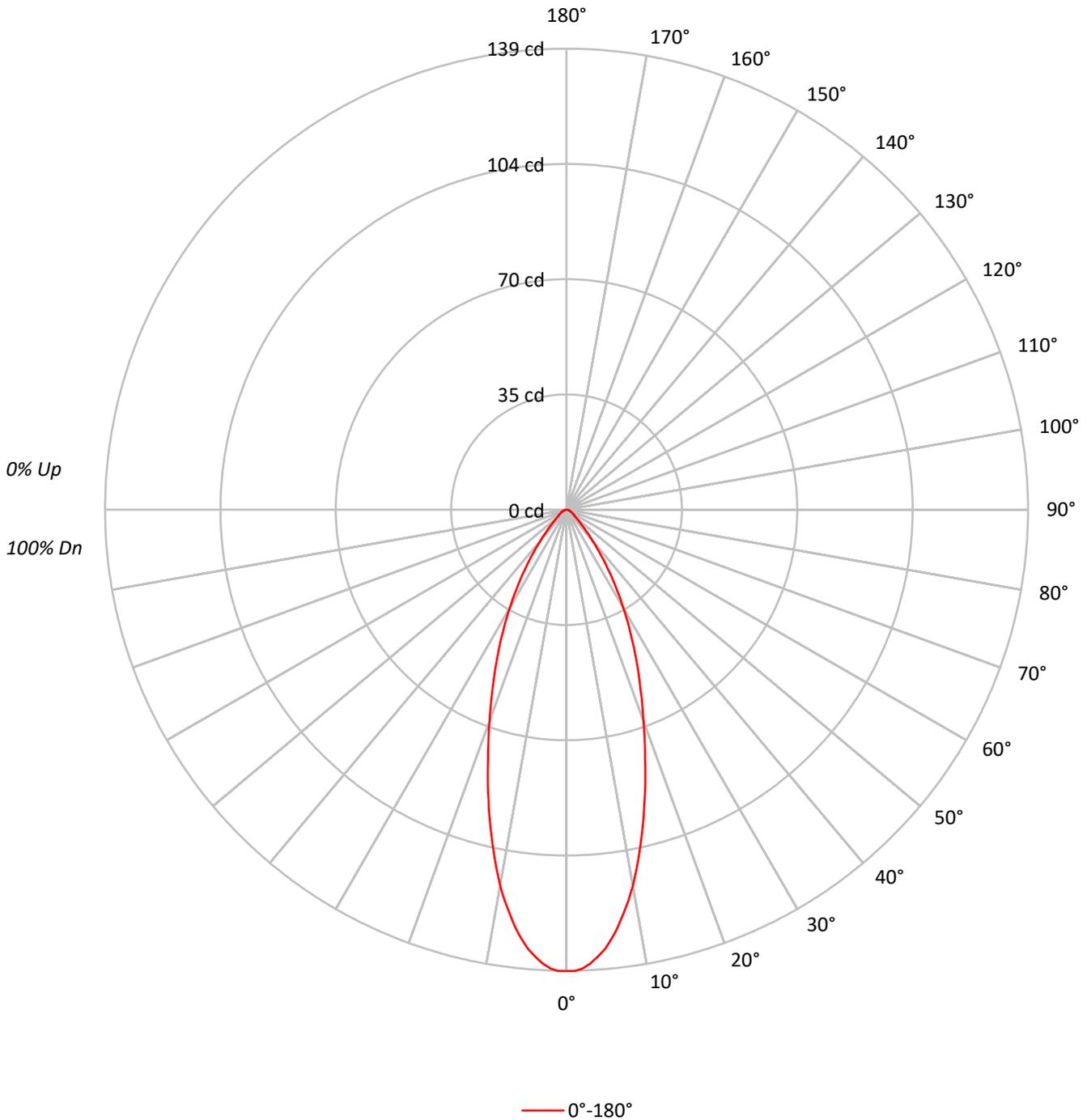
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 84.0 lumens
Efficiency: N/A
Efficacy: 23.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
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	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	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	86	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	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	65	65	65	65
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	64	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	30502
5°	29254
10°	25629
15°	20613
20°	15821
25°	11976
30°	8660
35°	5755
40°	3492
45°	2016
50°	1296
55°	1070
60°	921
65°	830
70°	641
75°	678
80°	505
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2016 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.1	14.4
10°-20°	25.1	29.9
20°-30°	22.7	27.0
30°-40°	13.6	16.2
40°-50°	5.4	6.4
50°-60°	2.5	3.0
60°-70°	1.5	1.8
70°-80°	0.8	1.0
80°-90°	0.2	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°	59.9	71.3
0°-40°	73.5	87.5
0°-60°	81.5	96.9
0°-90°	84.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	84.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	139	
5°	133	12
15°	91	25
25°	50	23
35°	22	14
45°	6	5
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	139.1
1°	139.1
2°	138.4
3°	137.0
4°	135.1
5°	132.9
6°	130.0
7°	126.8
8°	123.0
9°	119.2
10°	115.1
11°	110.4
12°	105.6
13°	100.7
14°	95.9
15°	90.8
17.5°	78.7
20°	67.8
22.5°	58.0
25°	49.5
27.5°	41.5
30°	34.2
32.5°	27.5
35°	21.5
37.5°	16.4
40°	12.2
42.5°	8.9
45°	6.5
47.5°	5.0
50°	3.8
52.5°	3.1
55°	2.8
57.5°	2.4
60°	2.1
62.5°	1.7
65°	1.6
67.5°	1.3
70°	1.0
72.5°	0.9
75°	0.8
77.5°	0.7
80°	0.4
82.5°	0.3
85°	0.3
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)