

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: P1275138

Luminaire Tested: P3AS02R459835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275138
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

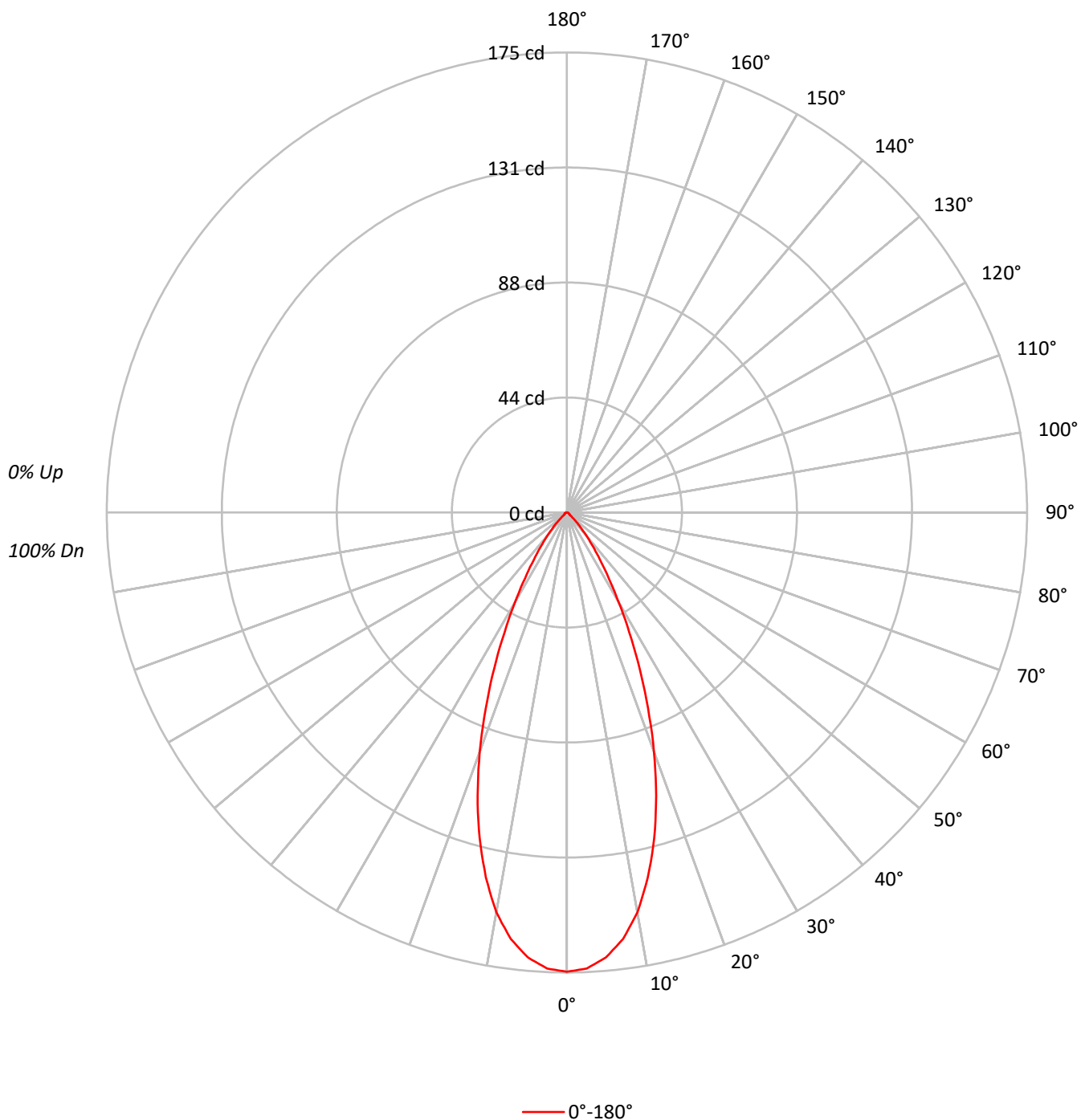
Lumens per Lamp: N/A
Luminaire Lumens: 102.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	109	107		111	109	107	105		105	103	102		101	100	99		98	97	96
2	109	104	100	97		106	102	99	96		99	96	94		96	94	92		93	91	90
3	104	98	93	89		102	96	92	88		94	90	87		91	88	86		89	86	84
4	99	92	87	83		97	91	86	82		89	85	81		87	83	80		85	82	79
5	94	87	81	77		93	86	81	77		84	80	76		82	79	76		81	78	75
6	90	82	77	73		89	81	76	72		80	75	72		78	74	71		77	74	71
7	86	78	72	68		85	77	72	68		76	71	68		75	71	67		74	70	67
8	83	74	68	65		82	73	68	65		72	68	64		71	67	64		70	67	64
9	79	70	65	61		78	70	65	61		69	64	61		68	64	61		67	63	61
10	76	67	62	58		75	67	62	58		66	61	58		65	61	58		65	61	58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38308
5°	37398
10°	34379
15°	29126
20°	22612
25°	15799
30°	9951
35°	5862
40°	3321
45°	1613
50°	546
55°	459
60°	439
65°	415
70°	385
75°	424
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1613 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	15.4
10°-20°	35.2	34.6
20°-30°	29.9	29.3
30°-40°	14.3	14.0
40°-50°	4.3	4.2
50°-60°	1.1	1.1
60°-70°	0.8	0.8
70°-80°	0.5	0.5
80°-90°	0.1	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°	80.9	79.3
0°-40°	95.2	93.3
0°-60°	100.5	98.6
0°-90°	102.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	102.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	175	
5°	170	16
15°	128	35
25°	65	30
35°	22	14
45°	5	4
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	174.7
2.5°	173.6
5°	169.9
7.5°	163.6
10°	154.4
12.5°	142.2
15°	128.3
17.5°	112.9
20°	96.9
22.5°	80.5
25°	65.3
27.5°	51.4
30°	39.3
32.5°	29.6
35°	21.9
37.5°	16.1
40°	11.6
42.5°	8.0
45°	5.2
47.5°	2.9
50°	1.6
52.5°	1.3
55°	1.2
57.5°	1.1
60°	1.0
62.5°	0.9
65°	0.8
67.5°	0.7
70°	0.6
72.5°	0.5
75°	0.5
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)