

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: P1270941

Luminaire Tested: P3AS02R359827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270941
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: P3AS02R359827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

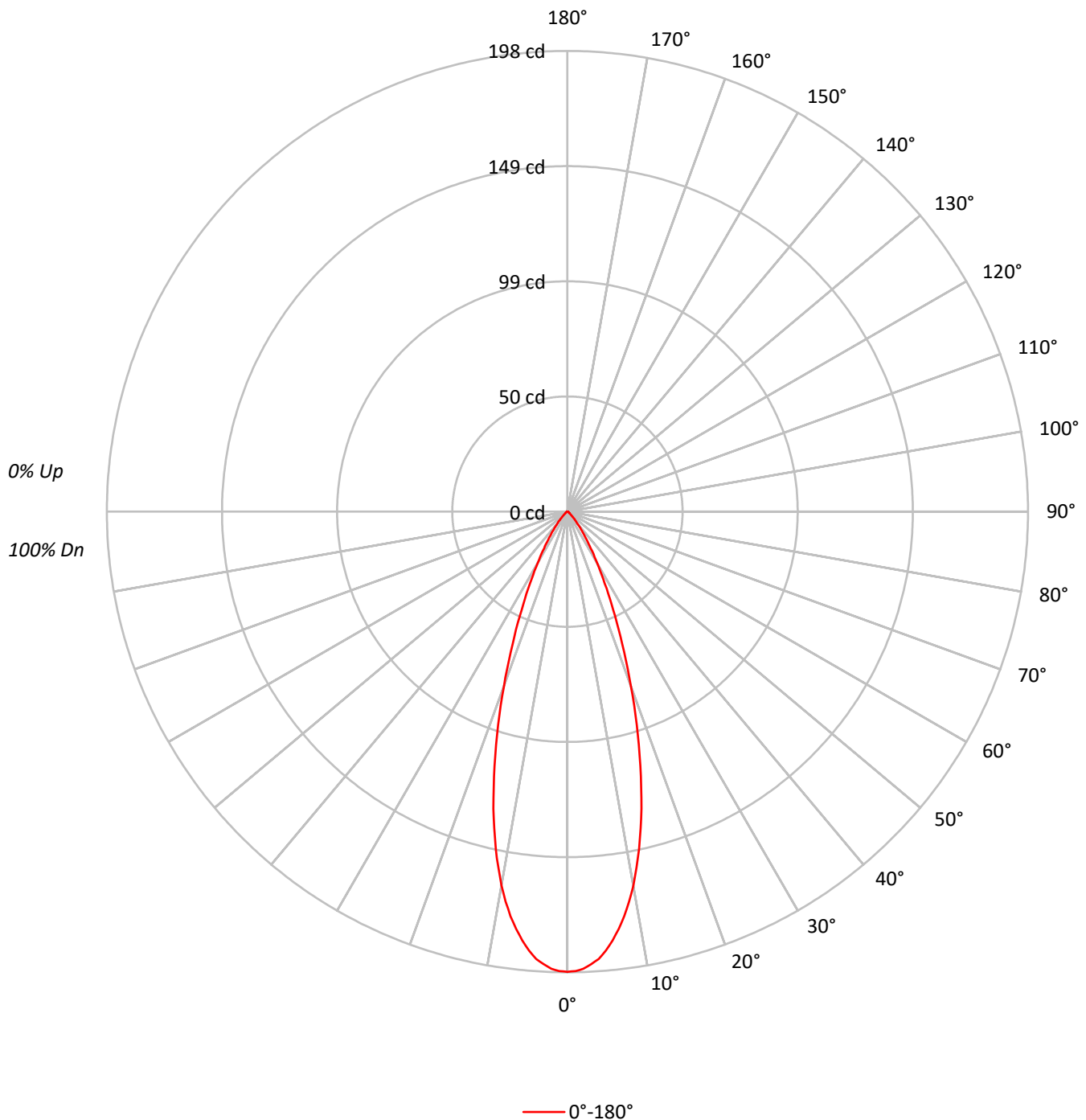
Lumens per Lamp: N/A
Luminaire Lumens: 86.0 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	43374
5°	41690
10°	36316
15°	27809
20°	18622
25°	11251
30°	6457
35°	3614
40°	1918
45°	992
50°	478
55°	382
60°	351
65°	311
70°	321
75°	254
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 992 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	20.0
10°-20°	33.4	38.8
20°-30°	21.9	25.4
30°-40°	8.9	10.3
40°-50°	2.7	3.1
50°-60°	0.9	1.1
60°-70°	0.6	0.7
70°-80°	0.3	0.4
80°-90°	0.1	0.2
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°	72.5	84.3
0°-40°	81.3	94.6
0°-60°	84.9	98.8
0°-90°	86.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	86.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	198	
5°	189	17
15°	122	33
25°	46	22
35°	14	9
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	197.8
1°	197.5
2°	196.6
3°	194.8
4°	192.7
5°	189.4
6°	185.3
7°	180.7
8°	175.6
9°	169.7
10°	163.1
11°	155.8
12°	148.2
13°	139.7
14°	131.6
15°	122.5
17.5°	100.5
20°	79.8
22.5°	61.4
25°	46.5
27.5°	34.7
30°	25.5
32.5°	18.7
35°	13.5
37.5°	9.6
40°	6.7
42.5°	4.7
45°	3.2
47.5°	2.1
50°	1.4
52.5°	1.1
55°	1.0
57.5°	0.9
60°	0.8
62.5°	0.7
65°	0.6
67.5°	0.5
70°	0.5
72.5°	0.4
75°	0.3
77.5°	0.2
80°	0.2
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)