

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: P1275314

Luminaire Tested: P3AS05R159835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275314
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

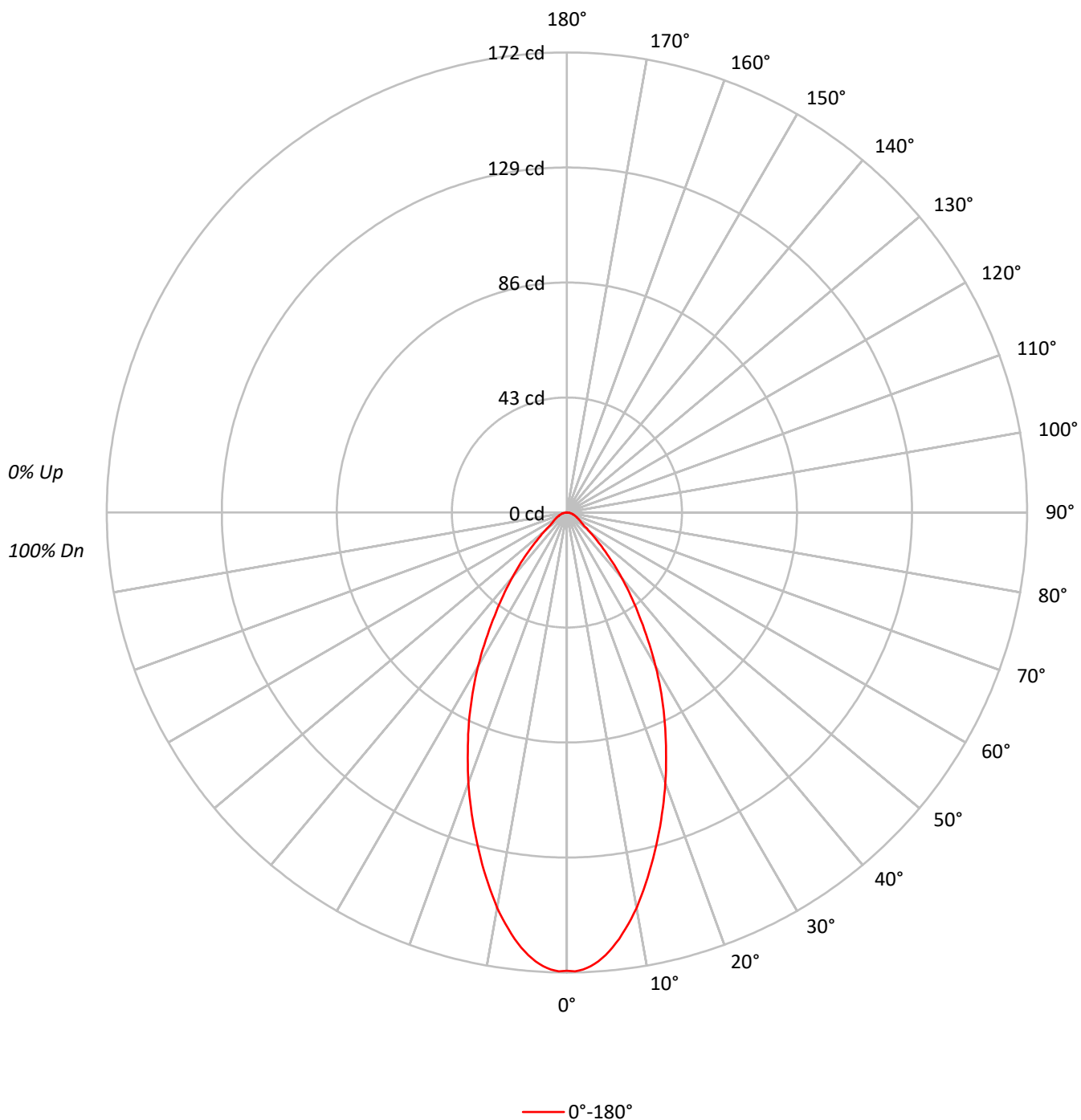
Lumens per Lamp: N/A
Luminaire Lumens: 149.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	95	91		95	92	89		92	90	87		90	87	85
3	100	93	87	83		98	91	86	82		89	84	81		86	82	79		84	81	78
4	94	86	80	75		92	85	79	74		82	77	73		80	76	73		78	75	72
5	89	80	73	68		87	79	73	68		77	72	67		75	70	67		74	69	66
6	84	74	68	63		83	73	67	63		72	66	62		70	66	62		69	65	61
7	80	69	63	58		78	69	63	58		67	62	58		66	61	57		65	61	57
8	76	65	59	54		74	65	58	54		63	58	54		62	57	54		61	57	53
9	72	61	55	51		71	61	55	51		60	54	50		59	54	50		58	53	50
10	68	58	52	48		67	57	51	47		57	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37585
5°	36562
10°	33422
15°	29262
20°	25109
25°	20953
30°	16787
35°	12582
40°	9131
45°	5985
50°	3718
55°	2523
60°	2237
65°	2075
70°	1923
75°	1779
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5985 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	10.3
10°-20°	35.9	24.1
20°-30°	39.6	26.6
30°-40°	29.7	19.9
40°-50°	15.4	10.3
50°-60°	6.4	4.3
60°-70°	3.9	2.6
70°-80°	2.2	1.5
80°-90°	0.6	0.4
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°	90.8	60.9
0°-40°	120.5	80.8
0°-60°	142.2	95.4
0°-90°	149.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	149.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	171	
5°	166	15
15°	129	36
25°	87	40
35°	47	30
45°	19	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	171.4
1°	171.6
2°	171.0
3°	169.9
4°	168.2
5°	166.1
6°	163.5
7°	160.6
8°	157.2
9°	153.7
10°	150.1
12.5°	139.7
15°	128.9
17.5°	118.2
20°	107.6
22.5°	96.8
25°	86.6
27.5°	76.4
30°	66.3
32.5°	56.3
35°	47.0
37.5°	39.1
40°	31.9
42.5°	25.3
45°	19.3
47.5°	14.5
50°	10.9
52.5°	8.1
55°	6.6
57.5°	5.9
60°	5.1
62.5°	4.5
65°	4.0
67.5°	3.4
70°	3.0
72.5°	2.5
75°	2.1
77.5°	1.7
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)