

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: P1271413

Luminaire Tested: P3AS05R559827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271413
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

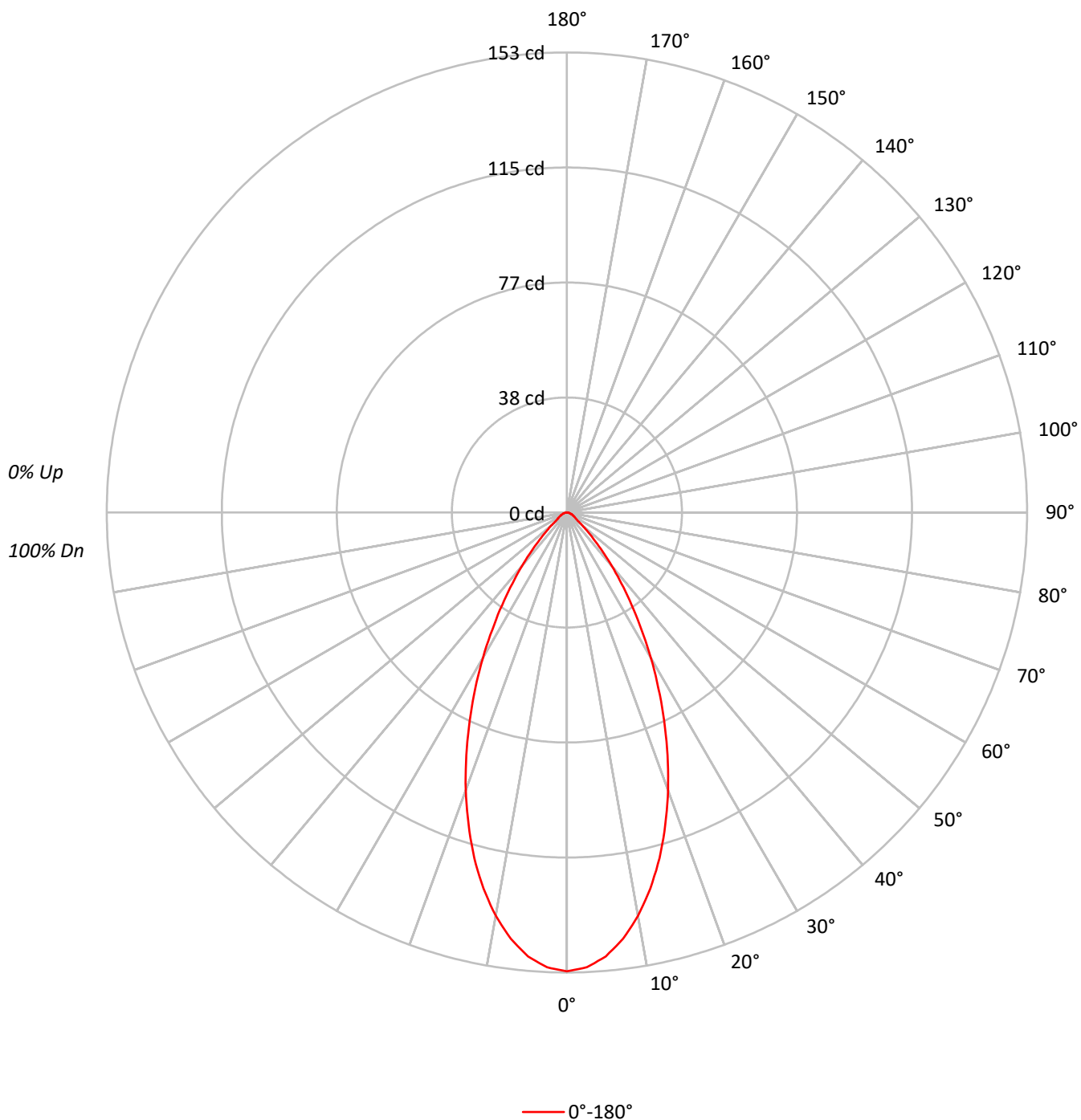
Lumens per Lamp: N/A
Luminaire Lumens: 123.0 lumens
Efficiency: N/A
Efficacy: 17.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	107	105		110	108	105	103		104	102	100		100	98	97		97	95	94
2	107	102	97	94		105	100	96	93		97	93	91		94	91	89		91	89	87
3	101	94	89	85		99	93	88	84		90	86	83		88	84	81		85	83	80
4	96	88	82	77		94	87	81	77		84	80	76		82	78	75		80	77	74
5	91	82	76	71		89	81	75	71		79	74	70		77	73	70		76	72	69
6	86	77	70	66		84	76	70	66		74	69	65		73	68	65		72	68	64
7	82	72	66	61		80	71	65	61		70	65	61		69	64	60		68	63	60
8	78	68	62	57		76	67	61	57		66	61	57		65	60	57		64	60	56
9	74	64	58	54		73	63	58	54		62	57	53		62	57	53		61	56	53
10	70	60	55	51		69	60	54	50		59	54	50		58	54	50		58	53	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	33462
5°	32622
10°	30327
15°	27015
20°	22939
25°	18509
30°	14129
35°	10038
40°	6641
45°	3938
50°	2320
55°	1415
60°	1272
65°	1141
70°	962
75°	847
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3938 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	11.2
10°-20°	33.0	26.8
20°-30°	34.9	28.4
30°-40°	23.6	19.2
40°-50°	10.4	8.4
50°-60°	3.7	3.0
60°-70°	2.2	1.8
70°-80°	1.1	0.9
80°-90°	0.4	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°	81.7	66.4
0°-40°	105.3	85.6
0°-60°	119.3	97.0
0°-90°	123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	123.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	153	
5°	148	14
15°	119	33
25°	76	35
35°	38	24
45°	13	10
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	152.6
2.5°	151.4
5°	148.2
7.5°	143.0
10°	136.2
12.5°	128.1
15°	119.0
17.5°	108.8
20°	98.3
22.5°	87.4
25°	76.5
27.5°	65.9
30°	55.8
32.5°	46.1
35°	37.5
37.5°	29.7
40°	23.2
42.5°	17.4
45°	12.7
47.5°	9.3
50°	6.8
52.5°	4.7
55°	3.7
57.5°	3.4
60°	2.9
62.5°	2.5
65°	2.2
67.5°	1.9
70°	1.5
72.5°	1.4
75°	1.0
77.5°	0.8
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)