

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: P1261860

Luminaire Tested: P3AS05R259727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261860
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

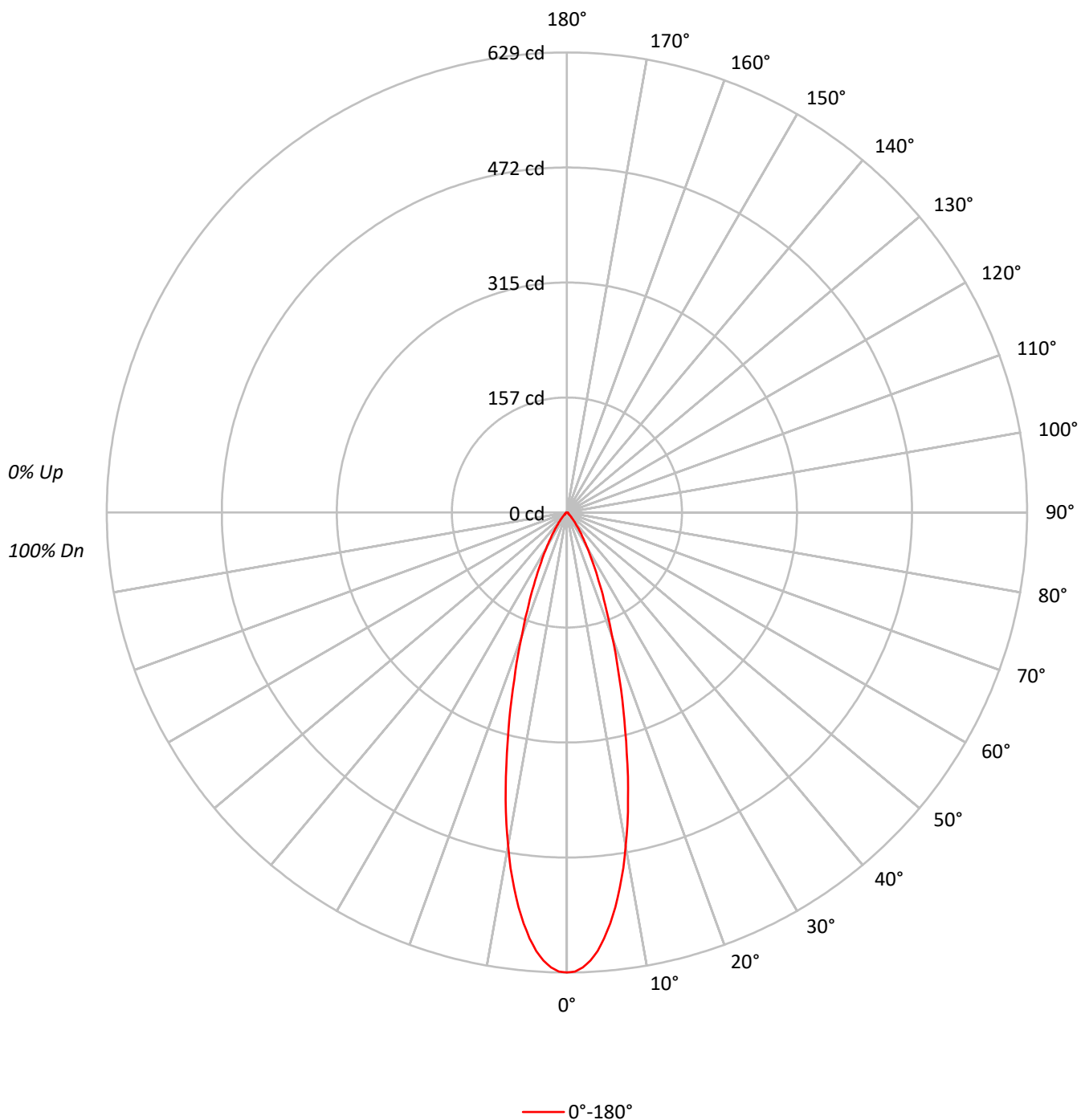
Lumens per Lamp: N/A
Luminaire Lumens: 214.9 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	82	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137906
5°	128681
10°	103071
15°	69966
20°	42330
25°	24751
30°	14103
35°	7763
40°	4122
45°	2171
50°	1262
55°	956
60°	789
65°	830
70°	769
75°	678
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2171 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.9	24.1
10°-20°	84.7	39.4
20°-30°	48.4	22.5
30°-40°	19.1	8.9
40°-50°	5.9	2.7
50°-60°	2.3	1.1
60°-70°	1.5	0.7
70°-80°	0.8	0.4
80°-90°	0.3	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°	185.0	86.1
0°-40°	204.1	95.0
0°-60°	212.3	98.8
0°-90°	214.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	629	
5°	585	52
15°	308	85
25°	102	48
35°	29	19
45°	7	6
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	628.9
1°	627.7
2°	622.6
3°	613.5
4°	601.0
5°	584.6
6°	565.2
7°	543.5
8°	518.2
9°	492.3
10°	462.9
11°	434.0
12°	402.1
13°	370.7
14°	338.4
15°	308.2
17.5°	239.0
20°	181.4
22.5°	136.2
25°	102.3
27.5°	75.8
30°	55.7
32.5°	40.3
35°	29.0
37.5°	20.5
40°	14.4
42.5°	9.9
45°	7.0
47.5°	4.9
50°	3.7
52.5°	2.9
55°	2.5
57.5°	2.3
60°	1.8
62.5°	1.6
65°	1.6
67.5°	1.4
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)