

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: P1248470

Luminaire Tested: P3AS05R309027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248470
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

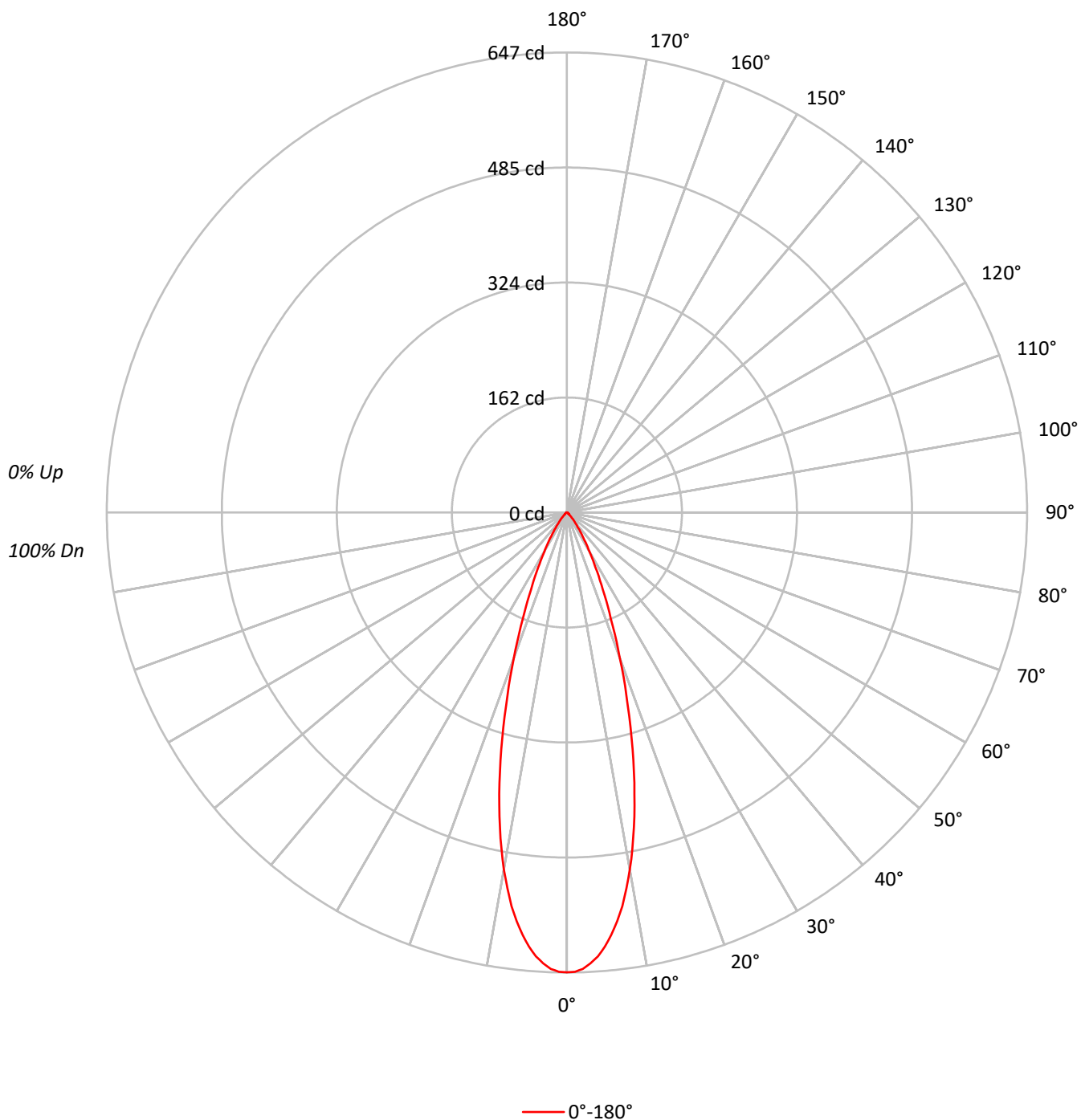
Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 33.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		107	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	96	92		103	98	95	91		96	93	90		94	91	89		91	89	87
4	101	95	90	87		99	94	89	86		92	88	85		90	87	84		88	85	83
5	97	90	85	82		96	89	85	81		88	84	81		86	83	80		85	82	79
6	94	86	81	78		92	85	81	77		84	80	77		83	79	76		81	78	76
7	90	82	77	74		89	82	77	74		81	76	73		80	76	73		78	75	73
8	87	79	74	71		86	79	74	71		78	73	70		77	73	70		76	72	70
9	84	76	71	68		83	75	71	68		75	70	67		74	70	67		73	70	67
10	81	73	68	65		80	73	68	65		72	68	65		71	67	65		71	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	141809
5°	134955
10°	113514
15°	81862
20°	50778
25°	28889
30°	16053
35°	8727
40°	4609
45°	2481
50°	1330
55°	879
60°	789
65°	830
70°	705
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2481 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.2	22.7
10°-20°	98.1	40.4
20°-30°	56.7	23.3
30°-40°	21.5	8.9
40°-50°	6.6	2.7
50°-60°	2.2	0.9
60°-70°	1.5	0.6
70°-80°	0.8	0.3
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°	210.1	86.4
0°-40°	231.6	95.3
0°-60°	240.4	98.9
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	647	
5°	613	55
15°	361	98
25°	119	57
35°	33	22
45°	8	7
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	646.7
1°	646.2
2°	642.3
3°	634.9
4°	625.8
5°	613.1
6°	597.1
7°	579.2
8°	559.2
9°	535.3
10°	509.8
11°	482.3
12°	453.1
13°	422.6
14°	391.6
15°	360.6
17.5°	284.4
20°	217.6
22.5°	161.4
25°	119.4
27.5°	86.8
30°	63.4
32.5°	45.7
35°	32.6
37.5°	22.7
40°	16.1
42.5°	11.2
45°	8.0
47.5°	5.5
50°	3.9
52.5°	2.8
55°	2.3
57.5°	2.1
60°	1.8
62.5°	1.6
65°	1.6
67.5°	1.4
70°	1.1
72.5°	0.9
75°	0.7
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)