

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: P1253884

Luminaire Tested: P3AS05R309035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253884
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: P3AS05R309035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

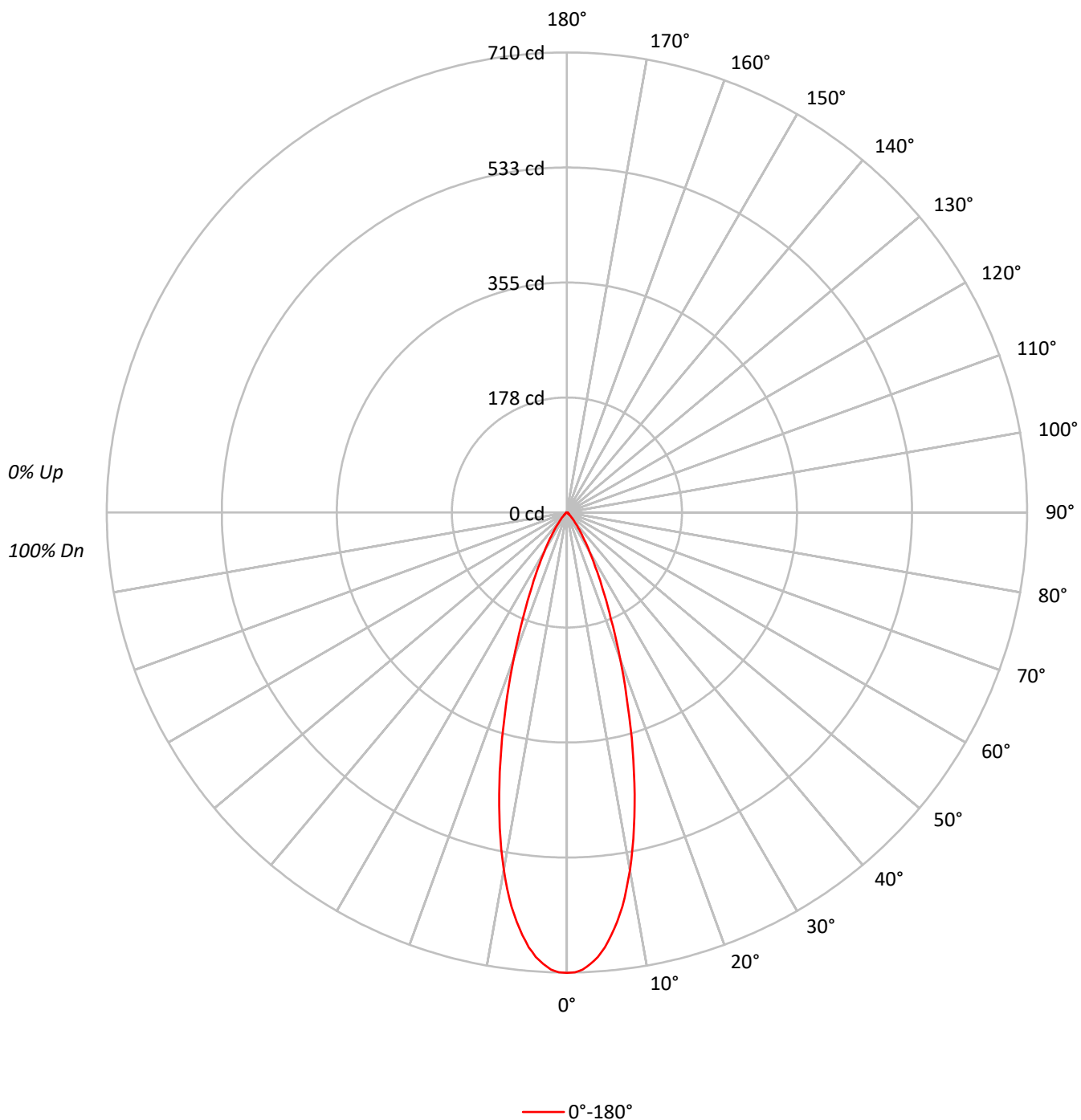
Lumens per Lamp: N/A
Luminaire Lumens: 267.1 lumens
Efficiency: N/A
Efficacy: 37.1 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	86	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155799
5°	148294
10°	124736
15°	89944
20°	55795
25°	31744
30°	17623
35°	9583
40°	5067
45°	2729
50°	1467
55°	956
60°	877
65°	934
70°	833
75°	678
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2729 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.7	22.7
10°-20°	107.8	40.4
20°-30°	62.3	23.3
30°-40°	23.7	8.9
40°-50°	7.3	2.7
50°-60°	2.4	0.9
60°-70°	1.7	0.6
70°-80°	0.9	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°	230.8	86.4
0°-40°	254.5	95.3
0°-60°	264.2	98.9
0°-90°	267.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	267.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	710	
5°	674	61
15°	396	108
25°	131	62
35°	36	24
45°	9	7
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	710.5
1°	710.0
2°	705.7
3°	697.7
4°	687.6
5°	673.7
6°	656.0
7°	636.4
8°	614.4
9°	588.2
10°	560.2
11°	529.9
12°	497.9
13°	464.3
14°	430.3
15°	396.2
17.5°	312.5
20°	239.1
22.5°	177.3
25°	131.2
27.5°	95.3
30°	69.6
32.5°	50.2
35°	35.8
37.5°	25.0
40°	17.7
42.5°	12.4
45°	8.8
47.5°	6.1
50°	4.3
52.5°	3.0
55°	2.5
57.5°	2.3
60°	2.0
62.5°	1.8
65°	1.8
67.5°	1.5
70°	1.3
72.5°	1.0
75°	0.8
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)