

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: P1251177

Luminaire Tested: P3AS05R309030DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251177
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: P3AS05R309030DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

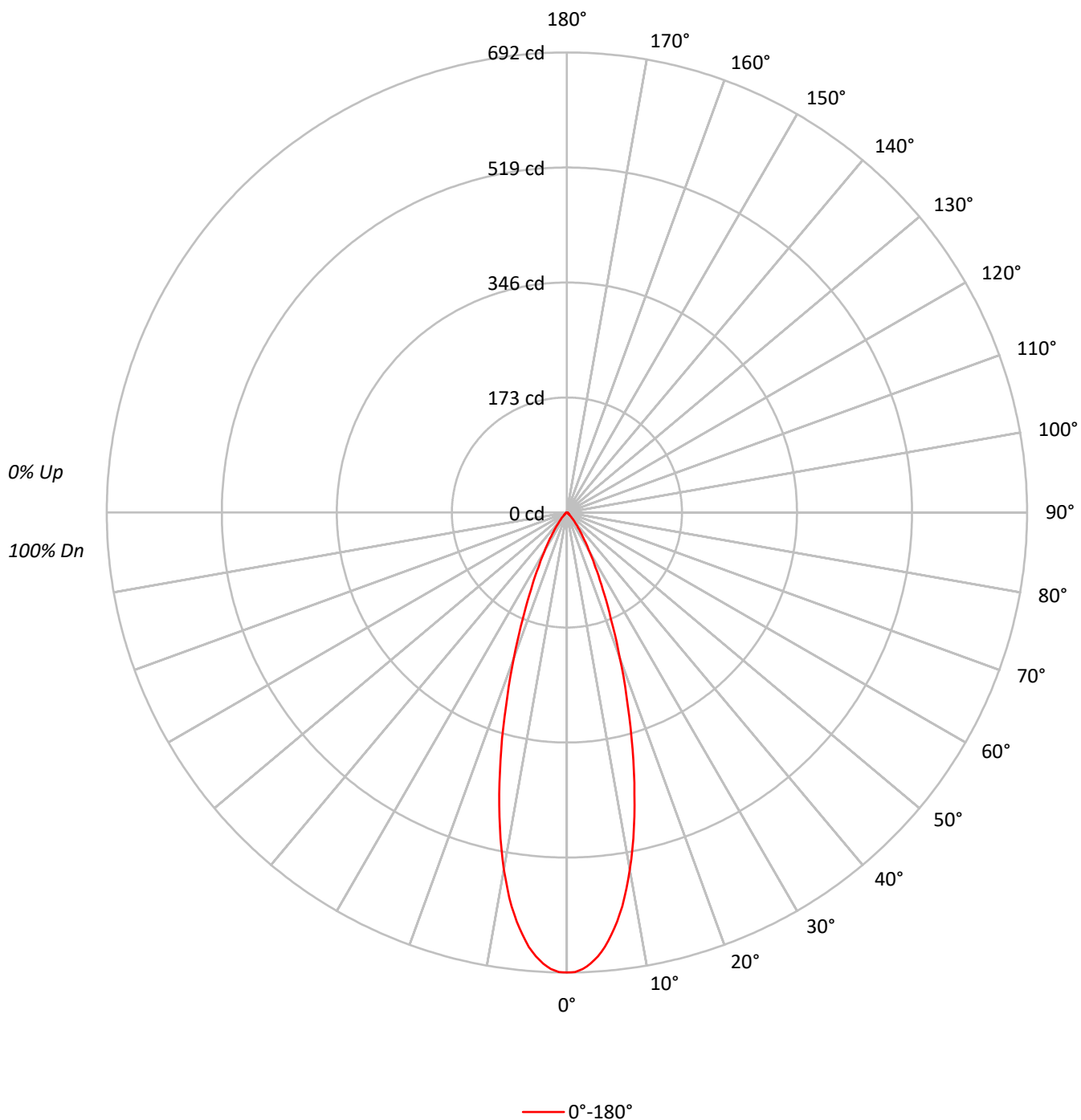
Lumens per Lamp: N/A
Luminaire Lumens: 260.0 lumens
Efficiency: N/A
Efficacy: 36.1 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	87	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		79
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°	151720
5°	144398
10°	121463
15°	87605
20°	54325
25°	30897
30°	17167
35°	9342
40°	4924
45°	2667
50°	1433
55°	956
60°	877
65°	882
70°	769
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	22.7
10°-20°	105.0	40.4
20°-30°	60.7	23.3
30°-40°	23.0	8.9
40°-50°	7.1	2.7
50°-60°	2.4	0.9
60°-70°	1.6	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°	224.8	86.5
0°-40°	247.8	95.3
0°-60°	257.2	99.0
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	692	
5°	656	59
15°	386	105
25°	128	61
35°	35	23
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°	691.9
1°	691.4
2°	687.2
3°	679.4
4°	669.5
5°	656.0
6°	638.8
7°	619.7
8°	598.3
9°	572.8
10°	545.5
11°	516.0
12°	484.8
13°	452.2
14°	419.0
15°	385.9
17.5°	304.3
20°	232.8
22.5°	172.7
25°	127.7
27.5°	92.8
30°	67.8
32.5°	48.9
35°	34.9
37.5°	24.3
40°	17.2
42.5°	12.0
45°	8.6
47.5°	5.9
50°	4.2
52.5°	2.9
55°	2.5
57.5°	2.2
60°	2.0
62.5°	1.7
65°	1.7
67.5°	1.5
70°	1.2
72.5°	1.0
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)