

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: P1251960

Luminaire Tested: P3AS13R309030DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251960
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: P3AS13R309030DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

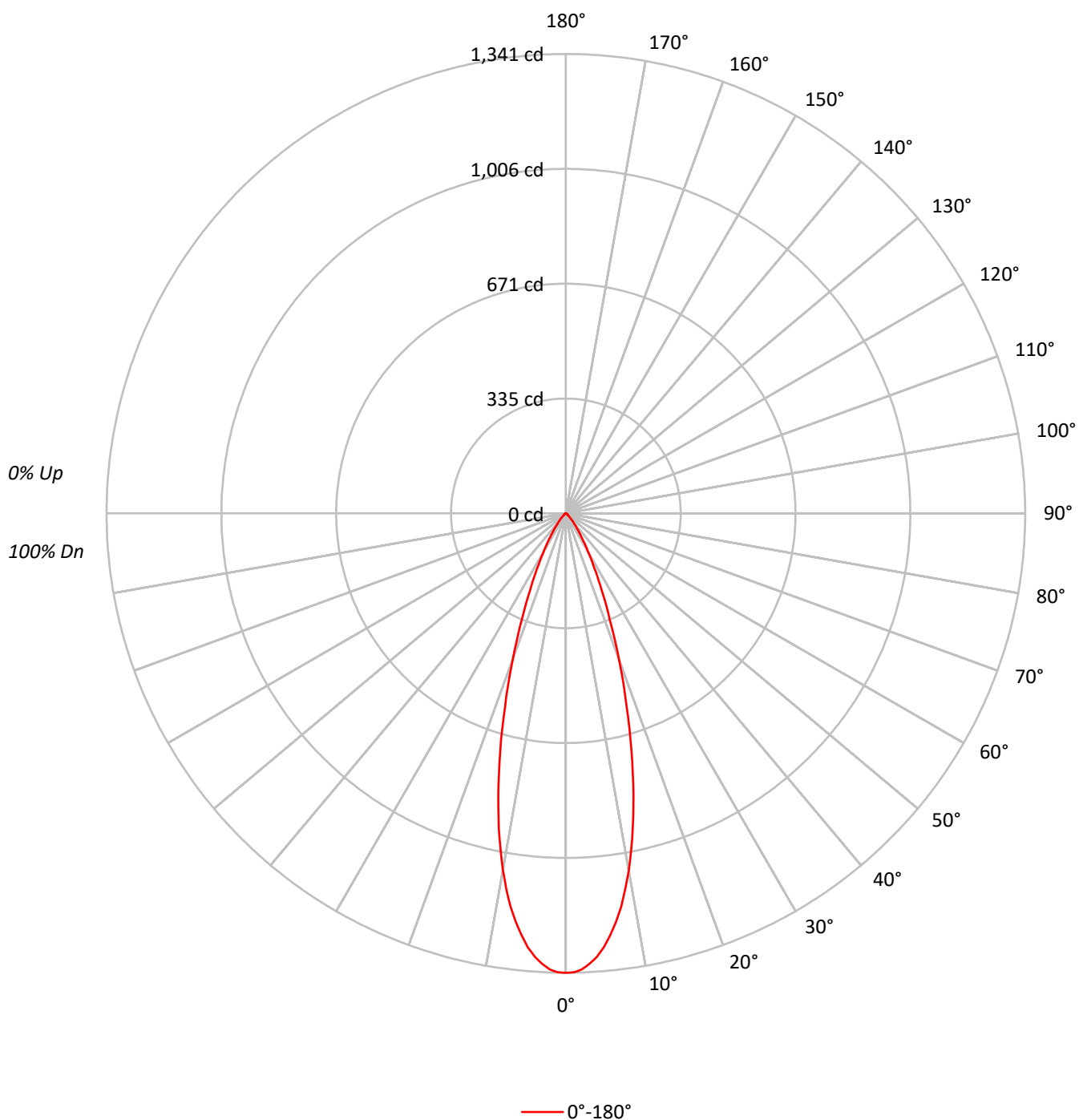
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 34.5 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	294099
5°	279924
10°	235444
15°	169808
20°	105336
25°	59907
30°	33271
35°	18096
40°	9532
45°	5179
50°	2763
55°	1835
60°	1667
65°	1712
70°	1539
75°	1186
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5179 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.5	22.7
10°-20°	203.6	40.4
20°-30°	117.6	23.3
30°-40°	44.6	8.9
40°-50°	13.7	2.7
50°-60°	4.6	0.9
60°-70°	3.1	0.6
70°-80°	1.7	0.3
80°-90°	0.5	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°	435.7	86.4
0°-40°	480.3	95.3
0°-60°	498.7	98.9
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1341	
5°	1272	115
15°	748	204
25°	248	118
35°	68	45
45°	17	14
55°	5	5
65°	3	3
75°	1	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1341.2
1°	1340.2
2°	1332.2
3°	1316.9
4°	1297.9
5°	1271.7
6°	1238.4
7°	1201.2
8°	1159.8
9°	1110.3
10°	1057.4
11°	1000.3
12°	939.8
13°	876.5
14°	812.2
15°	748.0
17.5°	589.9
20°	451.4
22.5°	334.7
25°	247.6
27.5°	180.0
30°	131.4
32.5°	94.7
35°	67.6
37.5°	47.1
40°	33.3
42.5°	23.3
45°	16.7
47.5°	11.4
50°	8.1
52.5°	5.7
55°	4.8
57.5°	4.3
60°	3.8
62.5°	3.3
65°	3.3
67.5°	2.9
70°	2.4
72.5°	1.9
75°	1.4
77.5°	1.4
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)