

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: P1269818

Luminaire Tested: P3A13R309740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269818
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: P3A13R309740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

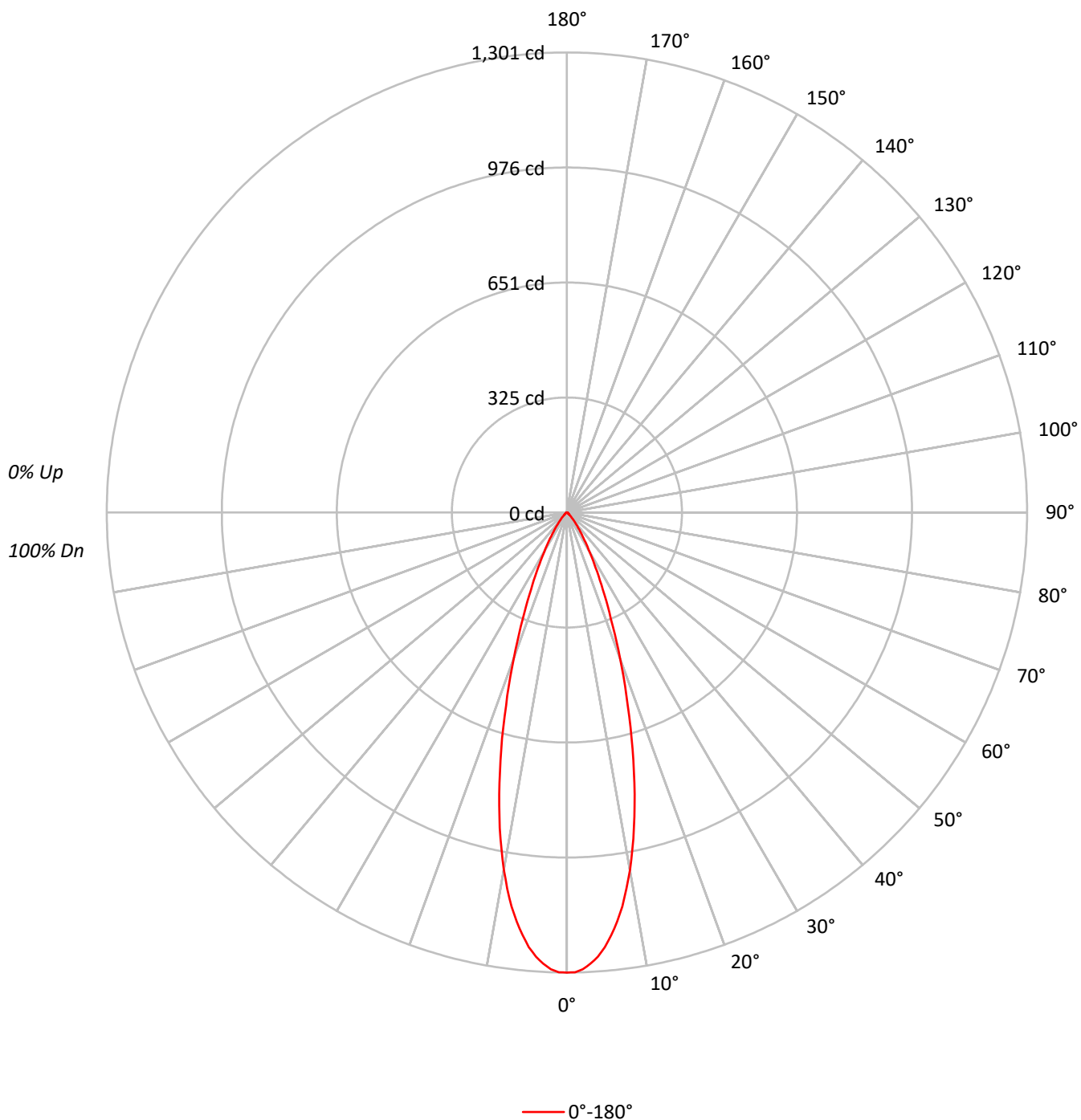
Lumens per Lamp: N/A
Luminaire Lumens: 489.0 lumens
Efficiency: N/A
Efficacy: 33.5 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	285350
5°	271582
10°	228453
15°	164746
20°	102186
25°	58116
30°	32283
35°	17561
40°	9246
45°	5024
50°	2695
55°	1759
60°	1623
65°	1660
70°	1475
75°	1186
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5024 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.1	22.7
10°-20°	197.5	40.4
20°-30°	114.1	23.3
30°-40°	43.3	8.9
40°-50°	13.3	2.7
50°-60°	4.5	0.9
60°-70°	3.0	0.6
70°-80°	1.6	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°	422.7	86.5
0°-40°	466.0	95.3
0°-60°	483.8	98.9
0°-90°	489.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	489.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1301	
5°	1234	111
15°	726	197
25°	240	114
35°	66	43
45°	16	13
55°	5	4
65°	3	3
75°	1	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1301.3
1°	1300.4
2°	1292.5
3°	1277.7
4°	1259.2
5°	1233.8
6°	1201.5
7°	1165.5
8°	1125.3
9°	1077.2
10°	1026.0
11°	970.5
12°	911.9
13°	850.4
14°	788.1
15°	725.7
17.5°	572.3
20°	437.9
22.5°	324.7
25°	240.2
27.5°	174.6
30°	127.5
32.5°	91.9
35°	65.6
37.5°	45.7
40°	32.3
42.5°	22.6
45°	16.2
47.5°	11.1
50°	7.9
52.5°	5.5
55°	4.6
57.5°	4.2
60°	3.7
62.5°	3.2
65°	3.2
67.5°	2.8
70°	2.3
72.5°	1.8
75°	1.4
77.5°	1.4
80°	0.9
82.5°	0.9
85°	0.5
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)