

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: P1269830

Luminaire Tested: P3A13R309740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269830
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

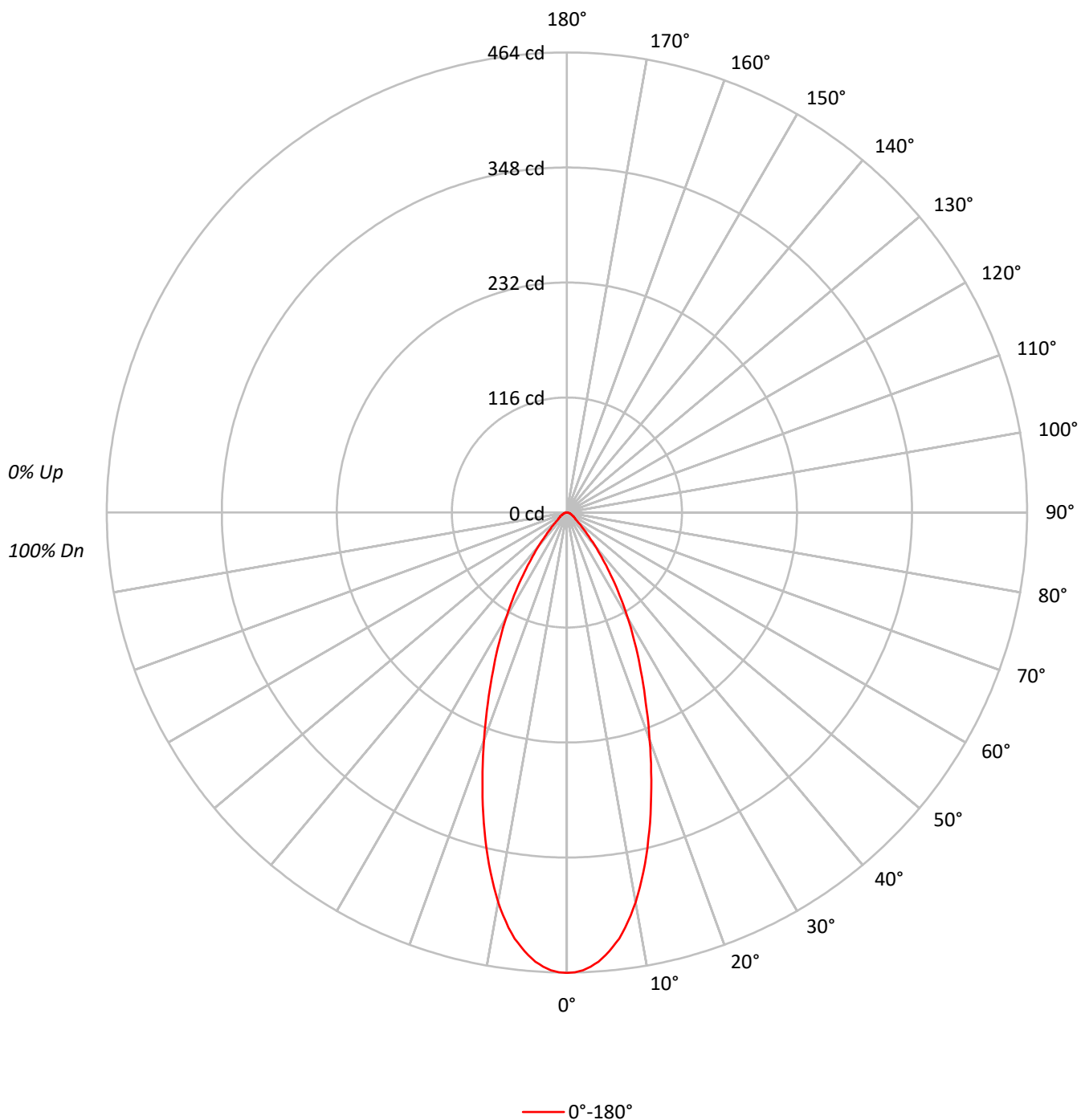
Lumens per Lamp: N/A
Luminaire Lumens: 298.0 lumens
Efficiency: N/A
Efficacy: 20.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		68	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	101834
5°	98657
10°	88887
15°	73531
20°	56938
25°	42704
30°	31017
35°	20666
40°	12710
45°	7443
50°	4571
55°	3708
60°	3245
65°	2646
70°	2372
75°	2372
80°	1768
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7443 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	13.8
10°-20°	89.2	29.9
20°-30°	81.2	27.2
30°-40°	49.1	16.5
40°-50°	19.7	6.6
50°-60°	8.7	2.9
60°-70°	5.3	1.8
70°-80°	2.9	1.0
80°-90°	0.8	0.3
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°	211.6	71.0
0°-40°	260.7	87.5
0°-60°	289.0	97.0
0°-90°	298.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	298.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	464	
5°	448	41
15°	324	89
25°	176	81
35°	77	49
45°	24	20
55°	10	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	464.4
1°	463.9
2°	462.1
3°	458.8
4°	454.2
5°	448.2
6°	440.8
7°	433.0
8°	422.8
9°	411.3
10°	399.2
11°	385.4
12°	370.6
13°	355.8
14°	339.6
15°	323.9
17.5°	282.8
20°	244.0
22.5°	207.9
25°	176.5
27.5°	147.9
30°	122.5
32.5°	98.9
35°	77.2
37.5°	59.1
40°	44.4
42.5°	32.3
45°	24.0
47.5°	18.0
50°	13.4
52.5°	10.6
55°	9.7
57.5°	8.3
60°	7.4
62.5°	6.0
65°	5.1
67.5°	4.6
70°	3.7
72.5°	3.2
75°	2.8
77.5°	2.3
80°	1.4
82.5°	0.9
85°	0.9
87.5°	0.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)