

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: P1274058

Luminaire Tested: P3A13R359830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274058
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

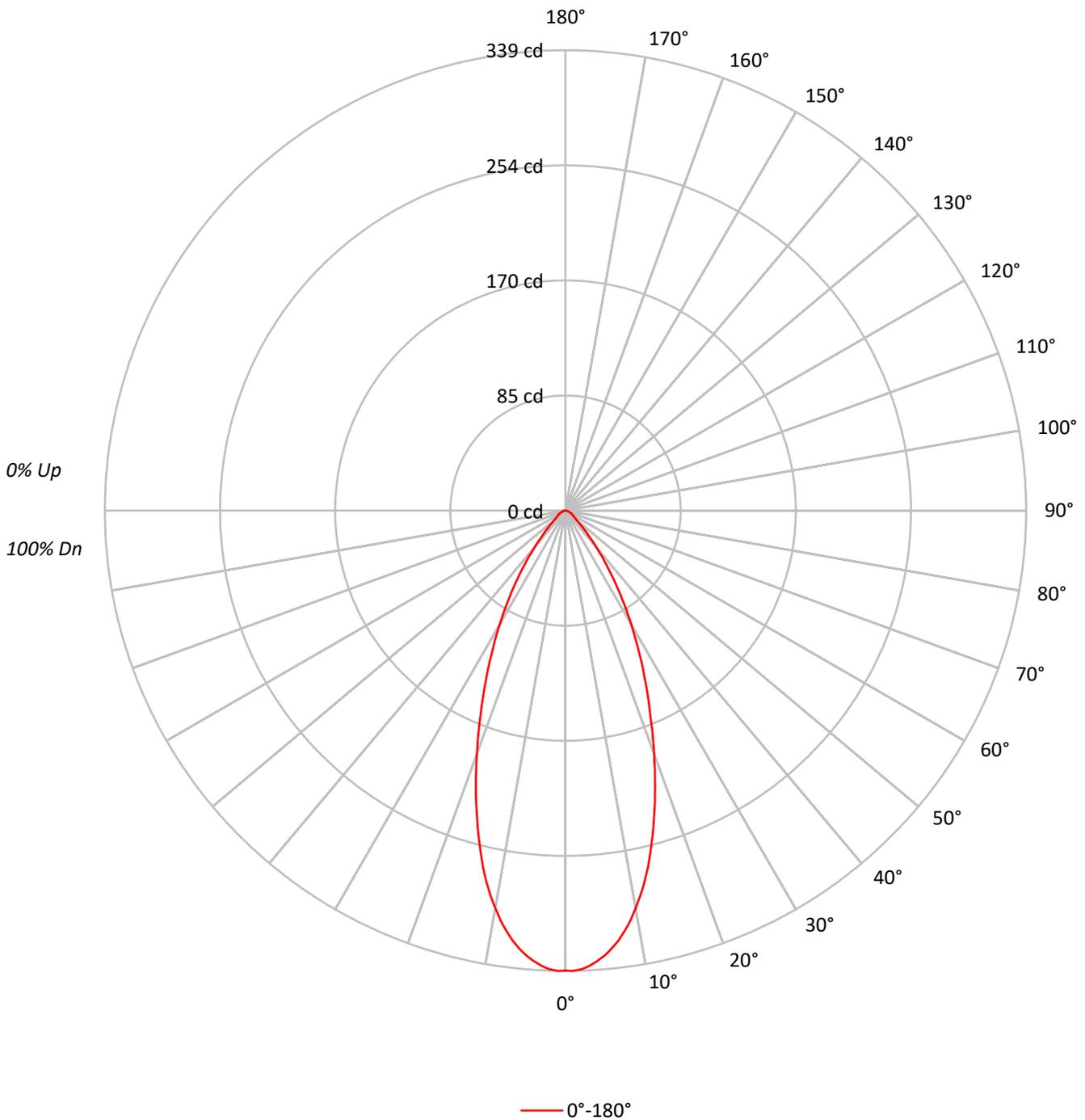
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 231.0 lumens
Efficiency: N/A
Efficacy: 15.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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

TEST NUMBER: P1274058
CATALOG NUMBER: P3A13R359830DE010 E3DLP1GPH

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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54			54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74248
5°	72419
10°	66198
15°	56209
20°	44477
25°	33655
30°	24485
35°	16570
40°	10191
45°	5861
50°	3514
55°	2867
60°	2500
65°	2231
70°	1795
75°	1779
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5861 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	13.2
10°-20°	68.2	29.5
20°-30°	63.9	27.6
30°-40°	39.1	16.9
40°-50°	15.4	6.7
50°-60°	6.8	2.9
60°-70°	4.2	1.8
70°-80°	2.2	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°	162.5	70.3
0°-40°	201.6	87.2
0°-60°	223.8	96.9
0°-90°	231.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	231.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	339	
5°	329	30
15°	248	68
25°	139	64
35°	62	39
45°	19	15
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	338.6
1°	339.0
2°	337.9
3°	335.8
4°	332.6
5°	329.0
6°	324.4
7°	319.0
8°	312.6
9°	305.5
10°	297.3
11°	288.8
12°	279.6
13°	269.6
14°	258.6
15°	247.6
17.5°	219.1
20°	190.6
22.5°	163.3
25°	139.1
27.5°	116.7
30°	96.7
32.5°	78.2
35°	61.9
37.5°	47.3
40°	35.6
42.5°	25.6
45°	18.9
47.5°	13.5
50°	10.3
52.5°	8.5
55°	7.5
57.5°	6.4
60°	5.7
62.5°	5.0
65°	4.3
67.5°	3.6
70°	2.8
72.5°	2.5
75°	2.1
77.5°	1.8
80°	1.4
82.5°	1.1
85°	0.7
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)