

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: P1274173

Luminaire Tested: P3A13R559830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274173
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R559830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

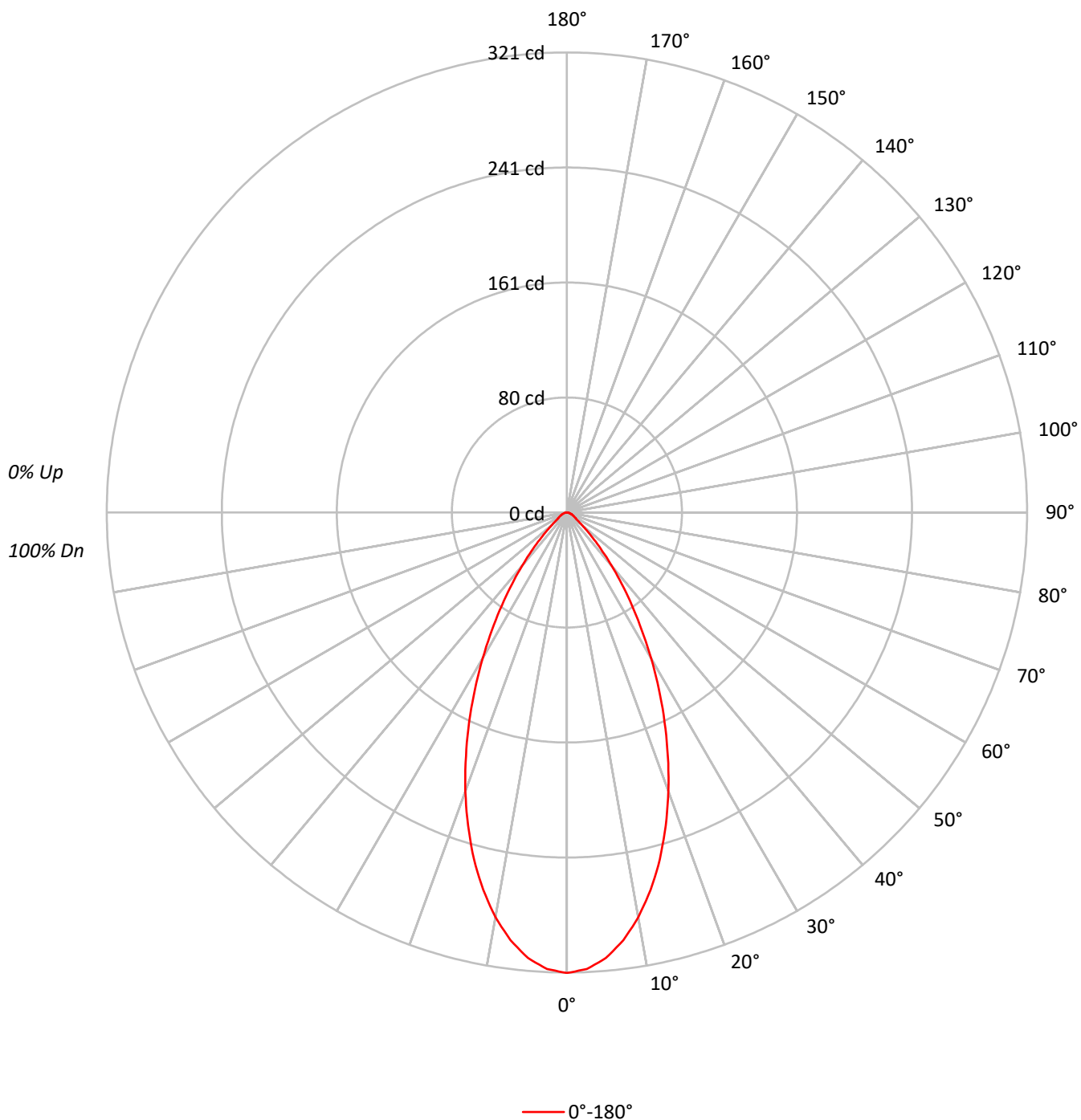
Lumens per Lamp: N/A
Luminaire Lumens: 258.9 lumens
Efficiency: N/A
Efficacy: 17.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92		
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85		
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79		
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55		
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52		
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	70455
5°	68699
10°	63860
15°	56868
20°	48328
25°	39002
30°	29726
35°	21148
40°	13940
45°	8280
50°	4844
55°	2982
60°	2631
65°	2387
70°	2052
75°	1779
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.0	11.2
10°-20°	69.4	26.8
20°-30°	73.6	28.4
30°-40°	49.7	19.2
40°-50°	21.8	8.4
50°-60°	7.8	3.0
60°-70°	4.5	1.8
70°-80°	2.4	0.9
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°	172.0	66.4
0°-40°	221.7	85.6
0°-60°	251.2	97.0
0°-90°	258.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	321	
5°	312	29
15°	250	69
25°	161	74
35°	79	50
45°	27	22
55°	8	8
65°	5	5
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	321.3
2.5°	318.8
5°	312.1
7.5°	301.0
10°	286.8
12.5°	269.7
15°	250.5
17.5°	229.1
20°	207.1
22.5°	184.0
25°	161.2
27.5°	138.8
30°	117.4
32.5°	97.1
35°	79.0
37.5°	62.6
40°	48.7
42.5°	36.6
45°	26.7
47.5°	19.6
50°	14.2
52.5°	10.0
55°	7.8
57.5°	7.1
60°	6.0
62.5°	5.3
65°	4.6
67.5°	3.9
70°	3.2
72.5°	2.8
75°	2.1
77.5°	1.8
80°	1.4
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)