

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: P1257500

Luminaire Tested: P3AS13R509040DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257500
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509040DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

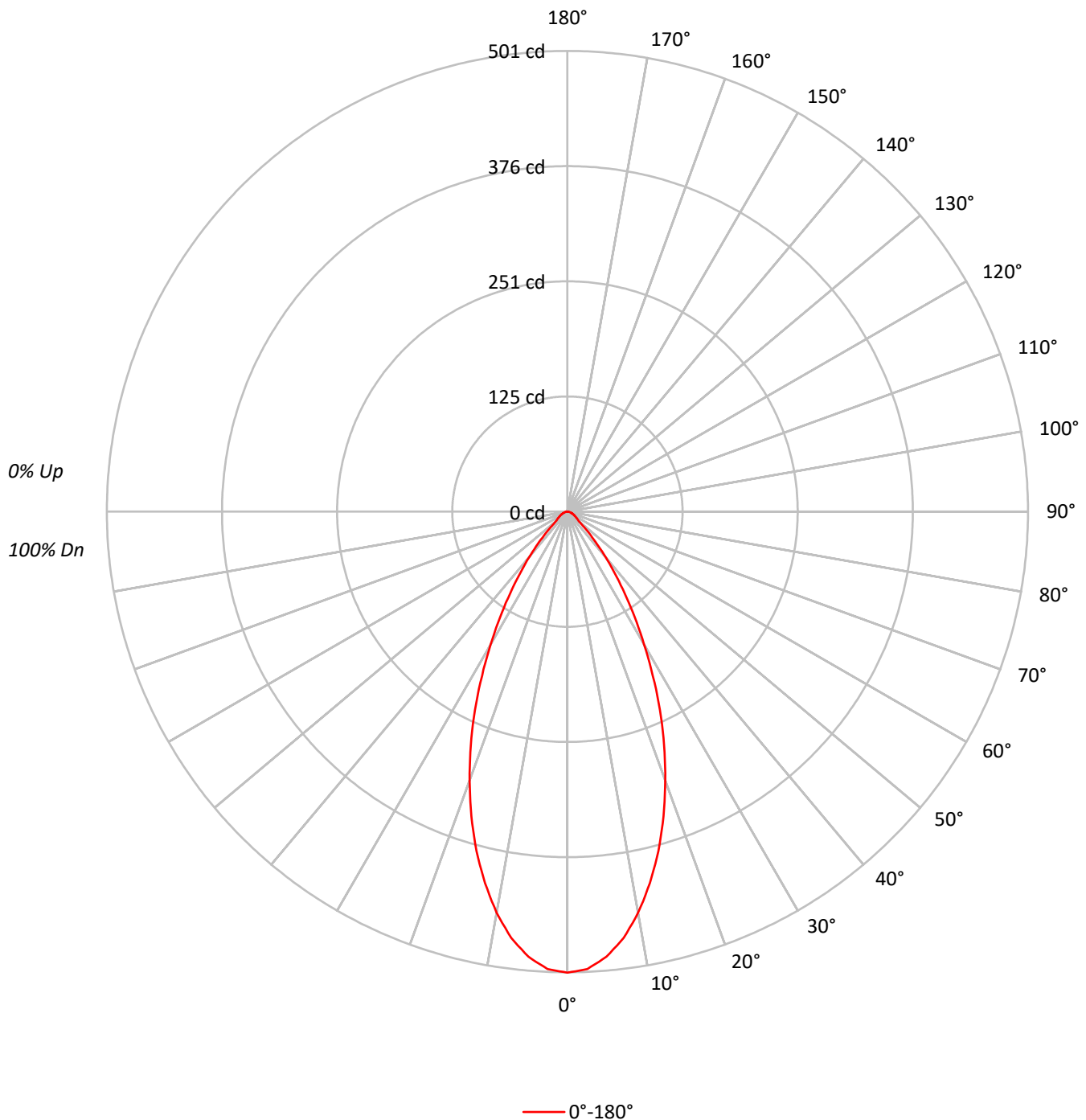
Lumens per Lamp: N/A
Luminaire Lumens: 378.0 lumens
Efficiency: N/A
Efficacy: 25.9 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	109947
5°	106977
10°	98640
15°	86766
20°	72596
25°	57560
30°	42234
35°	29045
40°	18463
45°	10327
50°	5595
55°	4702
60°	4035
65°	3736
70°	3270
75°	3050
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10327 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.0	11.9
10°-20°	105.8	28.0
20°-30°	108.3	28.6
30°-40°	68.7	18.2
40°-50°	27.3	7.2
50°-60°	11.1	2.9
60°-70°	7.1	1.9
70°-80°	3.7	1.0
80°-90°	1.1	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°	259.1	68.6
0°-40°	327.8	86.7
0°-60°	366.2	96.9
0°-90°	378.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	378.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	501	
5°	486	45
15°	382	106
25°	238	108
35°	108	69
45°	33	27
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	501.4
2.5°	497.8
5°	486.0
7.5°	467.6
10°	443.0
12.5°	413.9
15°	382.2
17.5°	347.4
20°	311.1
22.5°	274.7
25°	237.9
27.5°	201.1
30°	166.8
32.5°	136.1
35°	108.5
37.5°	84.9
40°	64.5
42.5°	47.6
45°	33.3
47.5°	22.5
50°	16.4
52.5°	13.8
55°	12.3
57.5°	10.7
60°	9.2
62.5°	8.2
65°	7.2
67.5°	6.1
70°	5.1
72.5°	4.1
75°	3.6
77.5°	2.6
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)