

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: P1269946

Luminaire Tested: P3AS13R509740DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269946
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: P3AS13R509740DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

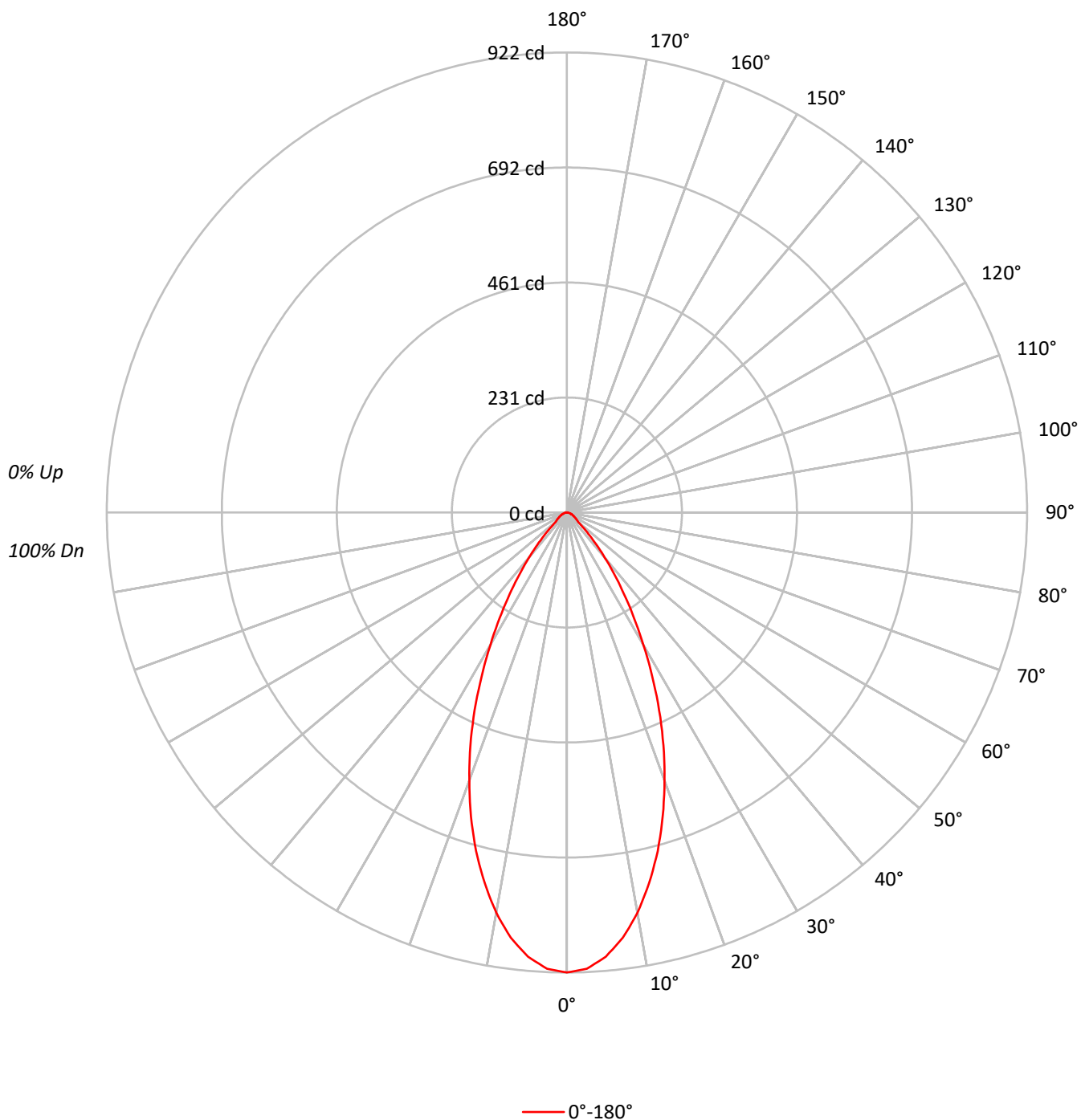
Lumens per Lamp: N/A
Luminaire Lumens: 695.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	202133
5°	196698
10°	181382
15°	159524
20°	133455
25°	105829
30°	77632
35°	53378
40°	33921
45°	18948
50°	10268
55°	8640
60°	7412
65°	6849
70°	6027
75°	5592
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18948 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.8	11.9
10°-20°	194.6	28.0
20°-30°	199.0	28.6
30°-40°	126.2	18.2
40°-50°	50.2	7.2
50°-60°	20.4	2.9
60°-70°	13.0	1.9
70°-80°	6.7	1.0
80°-90°	2.0	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°	476.4	68.6
0°-40°	602.6	86.7
0°-60°	673.2	96.9
0°-90°	695.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	695.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	922	
5°	894	83
15°	703	195
25°	437	199
35°	199	126
45°	61	50
55°	23	20
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	921.8
2.5°	915.2
5°	893.6
7.5°	859.7
10°	814.6
12.5°	761.0
15°	702.7
17.5°	638.7
20°	571.9
22.5°	505.1
25°	437.4
27.5°	369.7
30°	306.6
32.5°	250.2
35°	199.4
37.5°	156.1
40°	118.5
42.5°	87.5
45°	61.1
47.5°	41.4
50°	30.1
52.5°	25.4
55°	22.6
57.5°	19.8
60°	16.9
62.5°	15.1
65°	13.2
67.5°	11.3
70°	9.4
72.5°	7.5
75°	6.6
77.5°	4.7
80°	3.8
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)