

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: P1246781

Luminaire Tested: P3A13R129024DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246781
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R129024DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

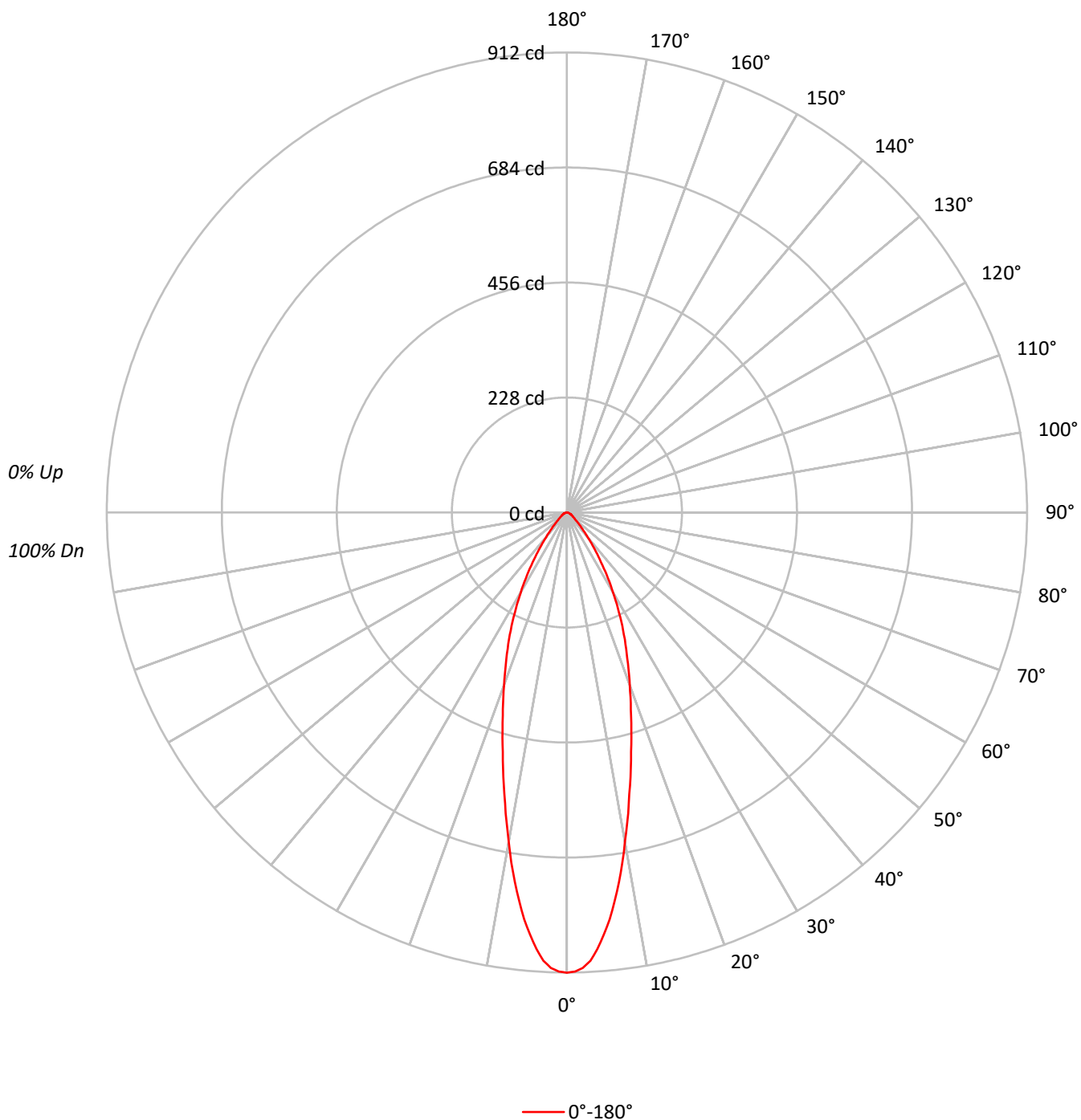
Lumens per Lamp: N/A
Luminaire Lumens: 464.1 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	200094
5°	184921
10°	147648
15°	111533
20°	84917
25°	64721
30°	46362
35°	30249
40°	18549
45°	11226
50°	7471
55°	5773
60°	4956
65°	4307
70°	3847
75°	3813
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.4	16.0
10°-20°	137.3	29.6
20°-30°	122.3	26.3
30°-40°	72.3	15.6
40°-50°	29.7	6.4
50°-60°	13.9	3.0
60°-70°	8.5	1.8
70°-80°	4.5	1.0
80°-90°	1.2	0.2
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°	334.0	72.0
0°-40°	406.3	87.6
0°-60°	450.0	97.0
0°-90°	464.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	912	
5°	840	74
15°	491	137
25°	268	122
35°	113	72
45°	36	30
55°	15	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	912.5
1°	910.2
2°	903.4
3°	889.9
4°	867.3
5°	840.1
6°	810.7
7°	776.1
8°	739.9
9°	703.0
10°	663.1
12.5°	571.9
15°	491.3
17.5°	422.0
20°	363.9
22.5°	312.7
25°	267.5
27.5°	223.8
30°	183.1
32.5°	146.2
35°	113.0
37.5°	86.7
40°	64.8
42.5°	48.2
45°	36.2
47.5°	27.9
50°	21.9
52.5°	18.1
55°	15.1
57.5°	12.8
60°	11.3
62.5°	9.8
65°	8.3
67.5°	7.5
70°	6.0
72.5°	5.3
75°	4.5
77.5°	3.0
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)