

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: P1246575

Luminaire Tested: P3AS09R459024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246575
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

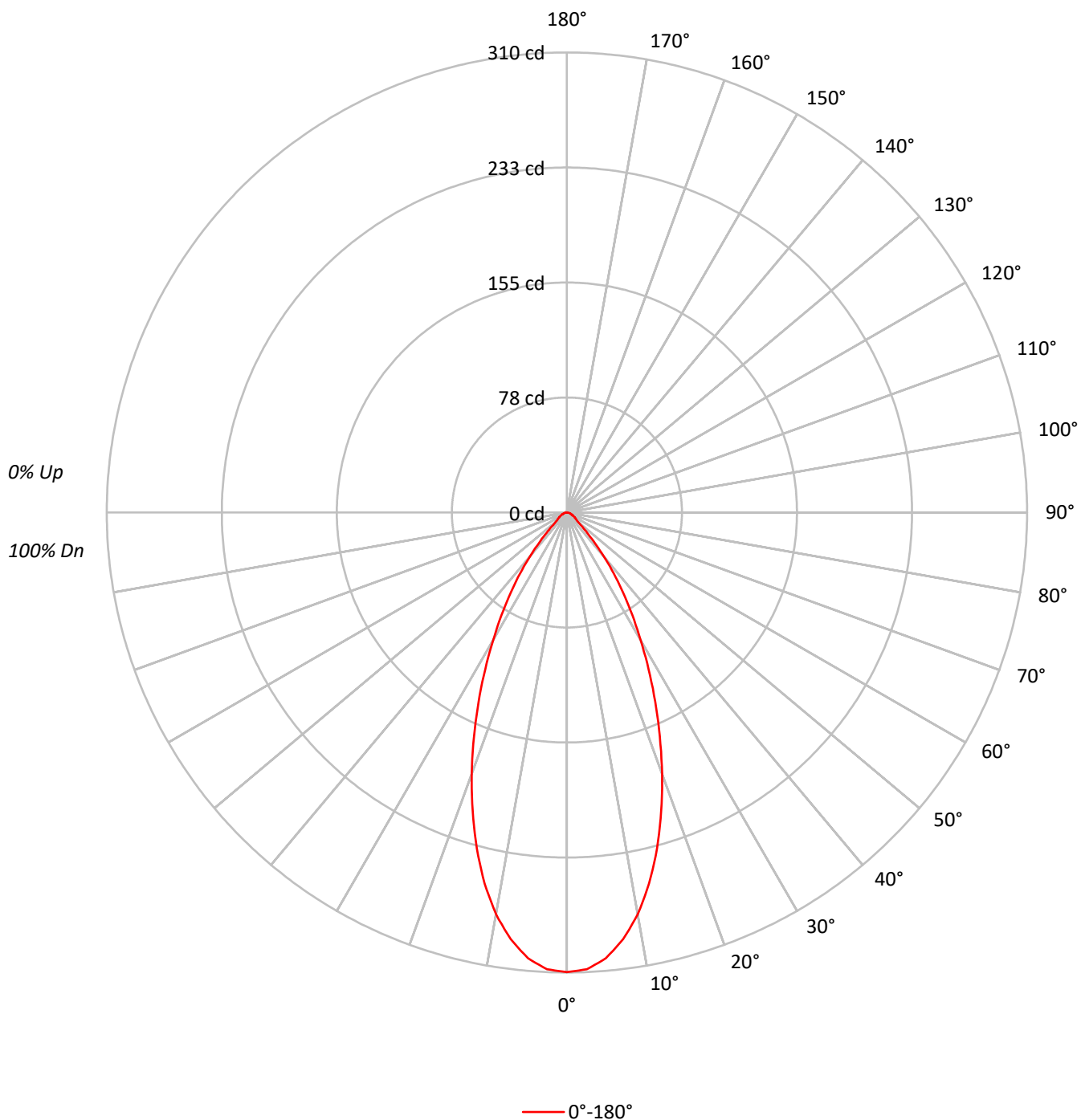
Lumens per Lamp: N/A
Luminaire Lumens: 228.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67911
5°	66366
10°	61210
15°	53235
20°	43730
25°	34018
30°	25118
35°	17668
40°	11049
45°	5985
50°	3241
55°	2791
60°	2500
65°	2127
70°	1795
75°	1864
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5985 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.9	12.2
10°-20°	64.8	28.4
20°-30°	64.3	28.2
30°-40°	41.4	18.2
40°-50°	16.0	7.0
50°-60°	6.5	2.8
60°-70°	4.1	1.8
70°-80°	2.2	1.0
80°-90°	0.7	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°	157.1	68.9
0°-40°	198.5	87.1
0°-60°	221.0	96.9
0°-90°	228.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	228.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	310	
5°	302	28
15°	234	65
25°	141	64
35°	66	41
45°	19	16
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	309.7
2.5°	308.1
5°	301.5
7.5°	290.1
10°	274.9
12.5°	256.0
15°	234.5
17.5°	211.1
20°	187.4
22.5°	163.4
25°	140.6
27.5°	119.1
30°	99.2
32.5°	81.9
35°	66.0
37.5°	51.8
40°	38.6
42.5°	27.8
45°	19.3
47.5°	13.0
50°	9.5
52.5°	7.9
55°	7.3
57.5°	6.3
60°	5.7
62.5°	4.7
65°	4.1
67.5°	3.5
70°	2.8
72.5°	2.5
75°	2.2
77.5°	1.6
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)