

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: P1248220

Luminaire Tested: P3AS02R559027DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248220
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: P3AS02R559027DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

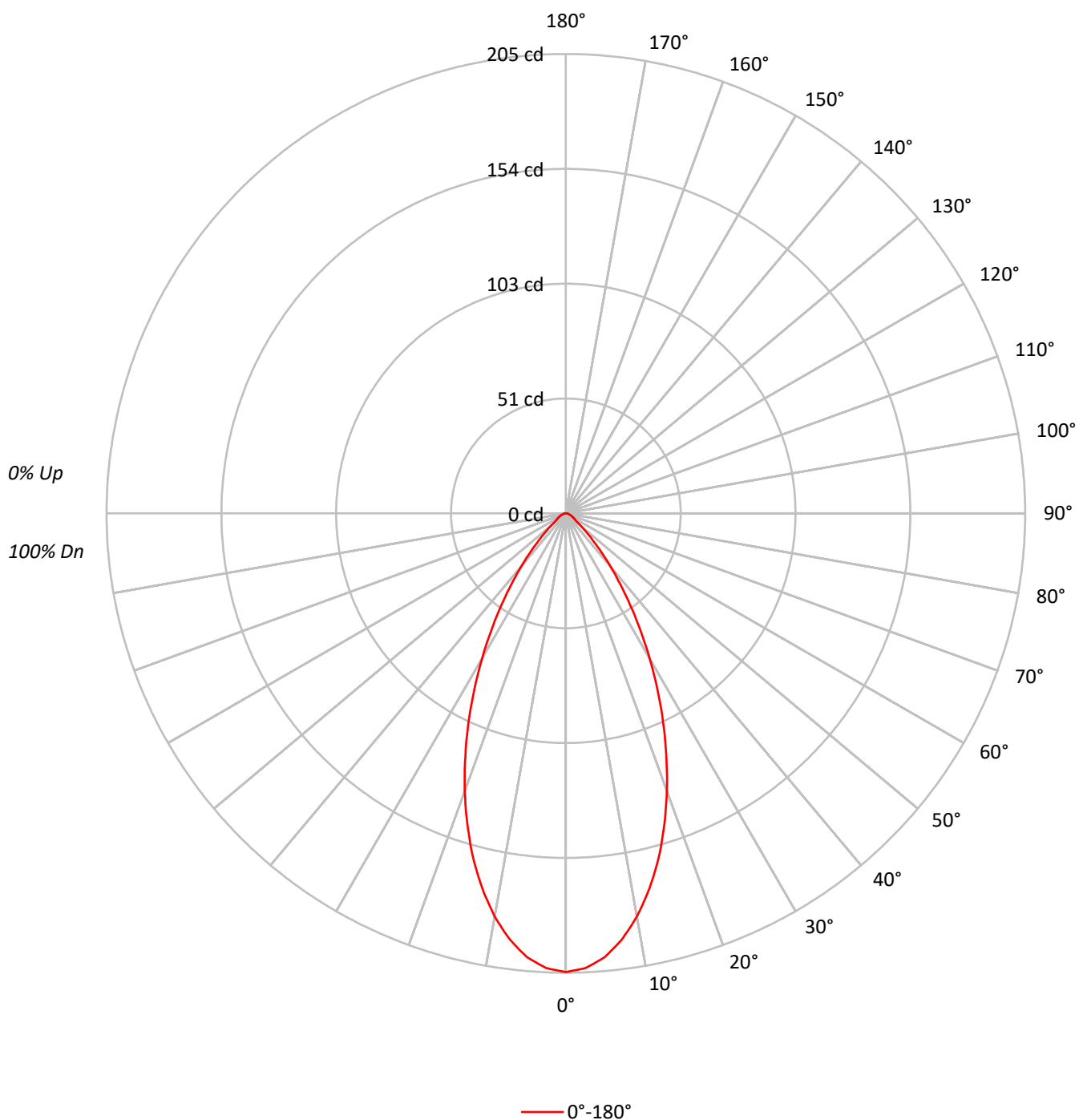
Lumens per Lamp: N/A
Luminaire Lumens: 165.0 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44887
5°	43760
10°	40681
15°	36232
20°	30779
25°	24848
30°	18940
35°	13465
40°	8902
45°	5272
50°	3104
55°	1912
60°	1710
65°	1505
70°	1282
75°	1186
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5272 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.5	11.2
10°-20°	44.2	26.8
20°-30°	46.9	28.4
30°-40°	31.7	19.2
40°-50°	13.9	8.4
50°-60°	5.0	3.0
60°-70°	2.9	1.8
70°-80°	1.5	0.9
80°-90°	0.5	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°	109.6	66.4
0°-40°	141.2	85.6
0°-60°	160.1	97.0
0°-90°	165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	205	
5°	199	18
15°	160	44
25°	103	47
35°	50	32
45°	17	14
55°	5	5
65°	3	3
75°	1	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	204.7
2.5°	203.1
5°	198.8
7.5°	191.8
10°	182.7
12.5°	171.8
15°	159.6
17.5°	146.0
20°	131.9
22.5°	117.2
25°	102.7
27.5°	88.4
30°	74.8
32.5°	61.9
35°	50.3
37.5°	39.9
40°	31.1
42.5°	23.3
45°	17.0
47.5°	12.5
50°	9.1
52.5°	6.3
55°	5.0
57.5°	4.5
60°	3.9
62.5°	3.4
65°	2.9
67.5°	2.5
70°	2.0
72.5°	1.8
75°	1.4
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)