

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: P1276590

Luminaire Tested: P3AS17R559835DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276590
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: P3AS17R559835DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

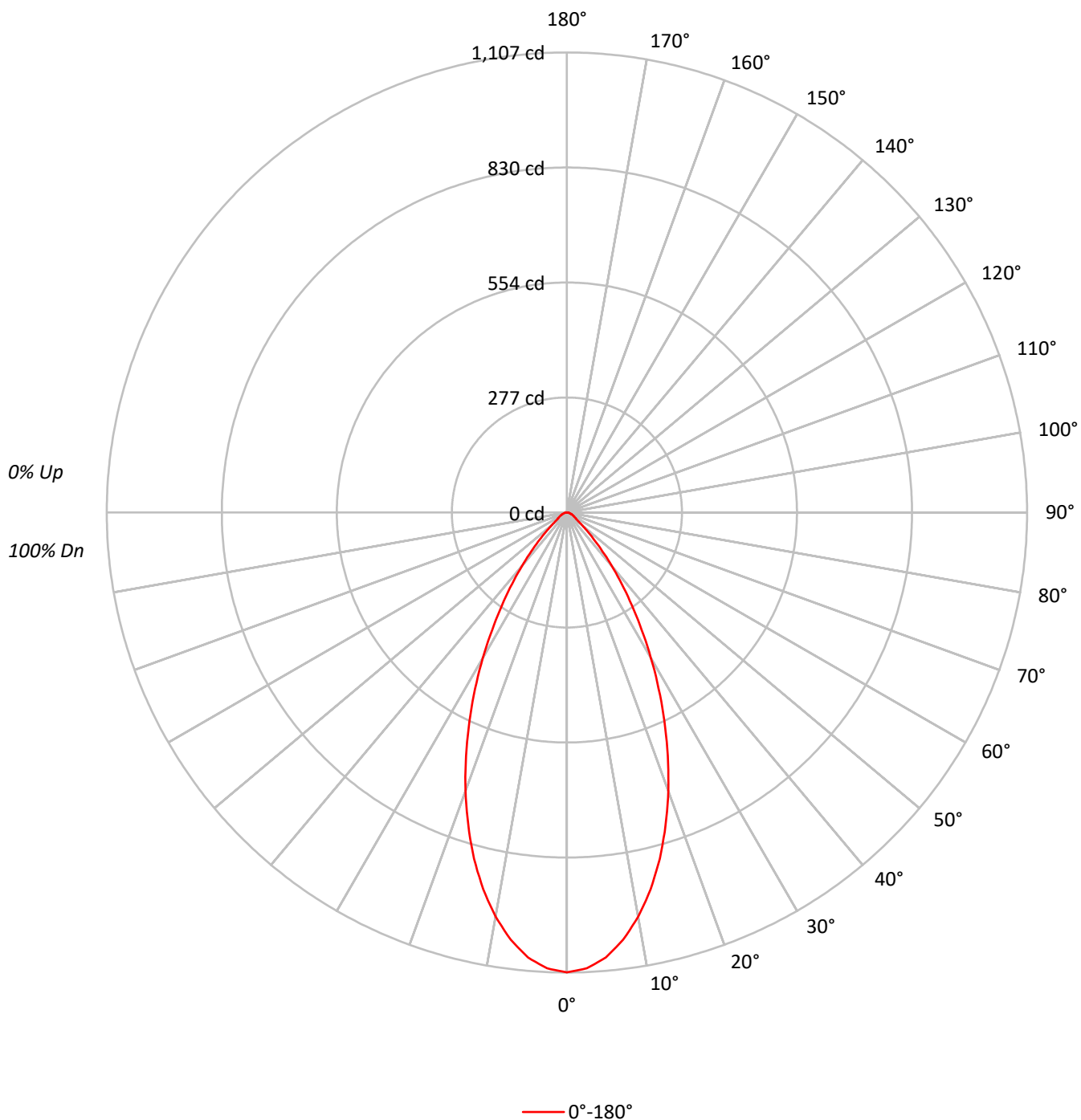
Lumens per Lamp: N/A
Luminaire Lumens: 892.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	242656
5°	236561
10°	219925
15°	195847
20°	166428
25°	134306
30°	102396
35°	72839
40°	48061
45°	28499
50°	16716
55°	10322
60°	9122
65°	8250
70°	7052
75°	6270
80°	6188
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28499 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.8	11.2
10°-20°	239.2	26.8
20°-30°	253.3	28.4
30°-40°	171.2	19.2
40°-50°	75.0	8.4
50°-60°	26.9	3.0
60°-70°	15.7	1.8
70°-80°	8.2	0.9
80°-90°	2.7	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°	592.3	66.4
0°-40°	763.5	85.6
0°-60°	865.3	97.0
0°-90°	892.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	892.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1107	
5°	1075	100
15°	863	239
25°	555	253
35°	272	171
45°	92	75
55°	27	27
65°	16	16
75°	7	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1106.6
2.5°	1098.0
5°	1074.7
7.5°	1036.7
10°	987.7
12.5°	928.9
15°	862.7
17.5°	789.2
20°	713.2
22.5°	633.6
25°	555.1
27.5°	477.9
30°	404.4
32.5°	334.5
35°	272.1
37.5°	215.7
40°	167.9
42.5°	126.2
45°	91.9
47.5°	67.4
50°	49.0
52.5°	34.3
55°	27.0
57.5°	24.5
60°	20.8
62.5°	18.4
65°	15.9
67.5°	13.5
70°	11.0
72.5°	9.8
75°	7.4
77.5°	6.1
80°	4.9
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)