

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: P1276619

Luminaire Tested: P3AS17R609835DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276619
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609835DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

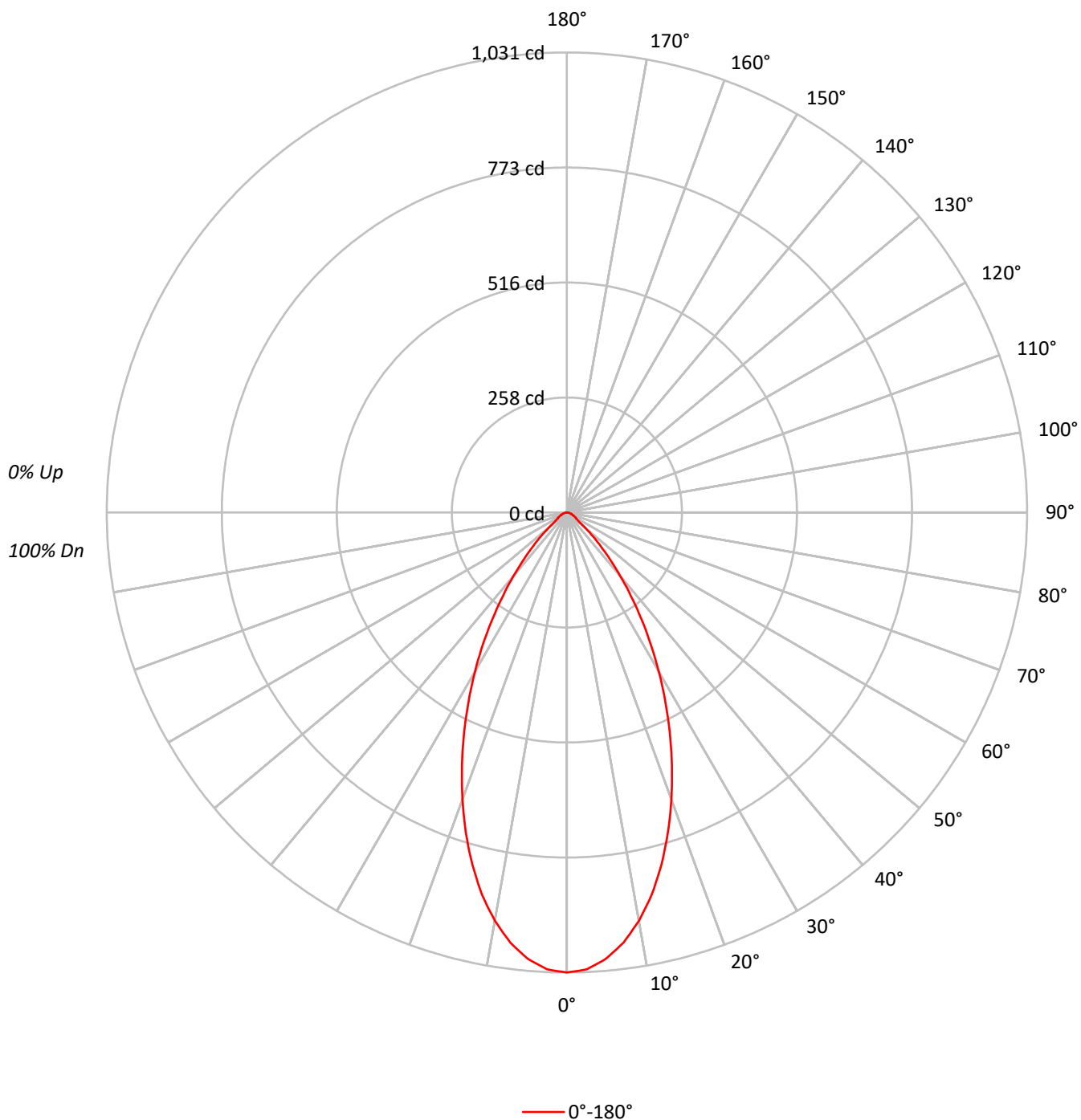
Lumens per Lamp: N/A
Luminaire Lumens: 892.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	226056
5°	220977
10°	206899
15°	185608
20°	159614
25°	131983
30°	104295
35°	77443
40°	53328
45°	33461
50°	18387
55°	10781
60°	9692
65°	8250
70°	7052
75°	7286
80°	6188
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33461 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.5	10.5
10°-20°	227.1	25.5
20°-30°	249.1	27.9
30°-40°	181.5	20.3
40°-50°	85.7	9.6
50°-60°	28.1	3.1
60°-70°	15.9	1.8
70°-80°	8.6	1.0
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°	569.6	63.9
0°-40°	751.1	84.2
0°-60°	864.9	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°	1031	
5°	1004	93
15°	818	227
25°	546	249
35°	289	181
45°	108	86
55°	28	28
65°	16	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1030.9
2.5°	1024.8
5°	1003.9
7.5°	972.1
10°	929.2
12.5°	877.7
15°	817.6
17.5°	752.7
20°	684.0
22.5°	614.1
25°	545.5
27.5°	476.8
30°	411.9
32.5°	349.4
35°	289.3
37.5°	235.4
40°	186.3
42.5°	143.4
45°	107.9
47.5°	78.5
50°	53.9
52.5°	35.5
55°	28.2
57.5°	24.5
60°	22.1
62.5°	18.4
65°	15.9
67.5°	13.5
70°	11.0
72.5°	9.8
75°	8.6
77.5°	6.1
80°	4.9
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)