

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: P1276670

Luminaire Tested: P3AS17R709835DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276670
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709835DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

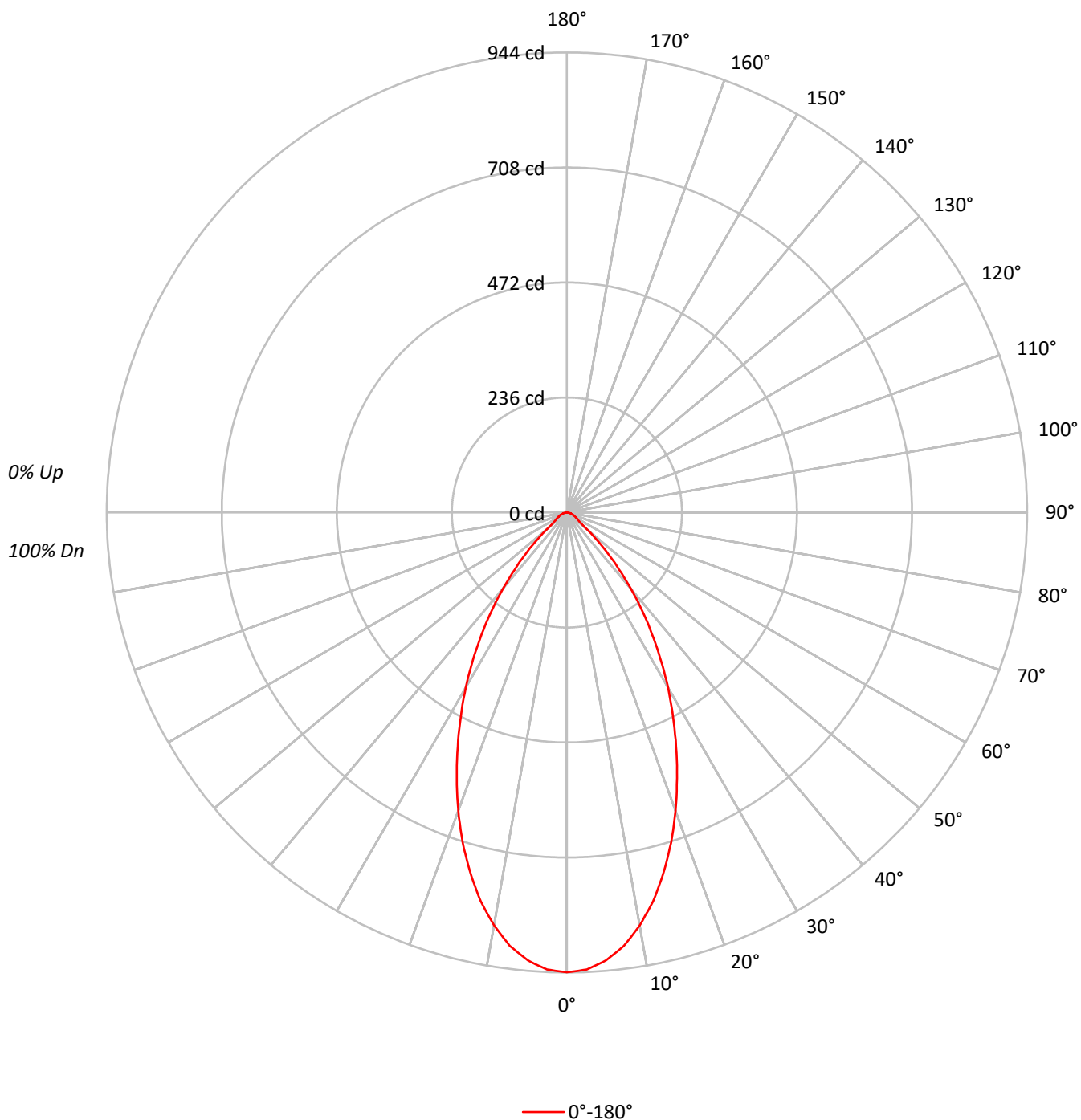
Lumens per Lamp: N/A
Luminaire Lumens: 882.0 lumens
Efficiency: N/A
Efficacy: 43.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	206891
5°	203081
10°	191491
15°	173803
20°	152030
25°	128233
30°	105003
35°	81459
40°	58309
45°	36903
50°	18422
55°	11240
60°	9692
65°	8924
70°	7886
75°	7286
80°	6188
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36903 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.1	9.8
10°-20°	213.0	24.2
20°-30°	242.6	27.5
30°-40°	189.7	21.5
40°-50°	93.2	10.6
50°-60°	28.7	3.3
60°-70°	17.0	1.9
70°-80°	9.1	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°	541.7	61.4
0°-40°	731.4	82.9
0°-60°	853.3	96.7
0°-90°	882.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	882.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	944	
5°	923	86
15°	766	213
25°	530	243
35°	304	190
45°	119	93
55°	29	29
65°	17	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	943.5
2.5°	938.6
5°	922.6
7.5°	896.8
10°	860.0
12.5°	817.1
15°	765.6
17.5°	710.4
20°	651.5
22.5°	590.1
25°	530.0
27.5°	471.1
30°	414.7
32.5°	358.2
35°	304.3
37.5°	252.7
40°	203.7
42.5°	158.3
45°	119.0
47.5°	83.4
50°	54.0
52.5°	35.6
55°	29.4
57.5°	25.8
60°	22.1
62.5°	19.6
65°	17.2
67.5°	14.7
70°	12.3
72.5°	9.8
75°	8.6
77.5°	7.4
80°	4.9
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)