

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: P1276522

Luminaire Tested: P3AS17R459835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276522
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: P3AS17R459835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

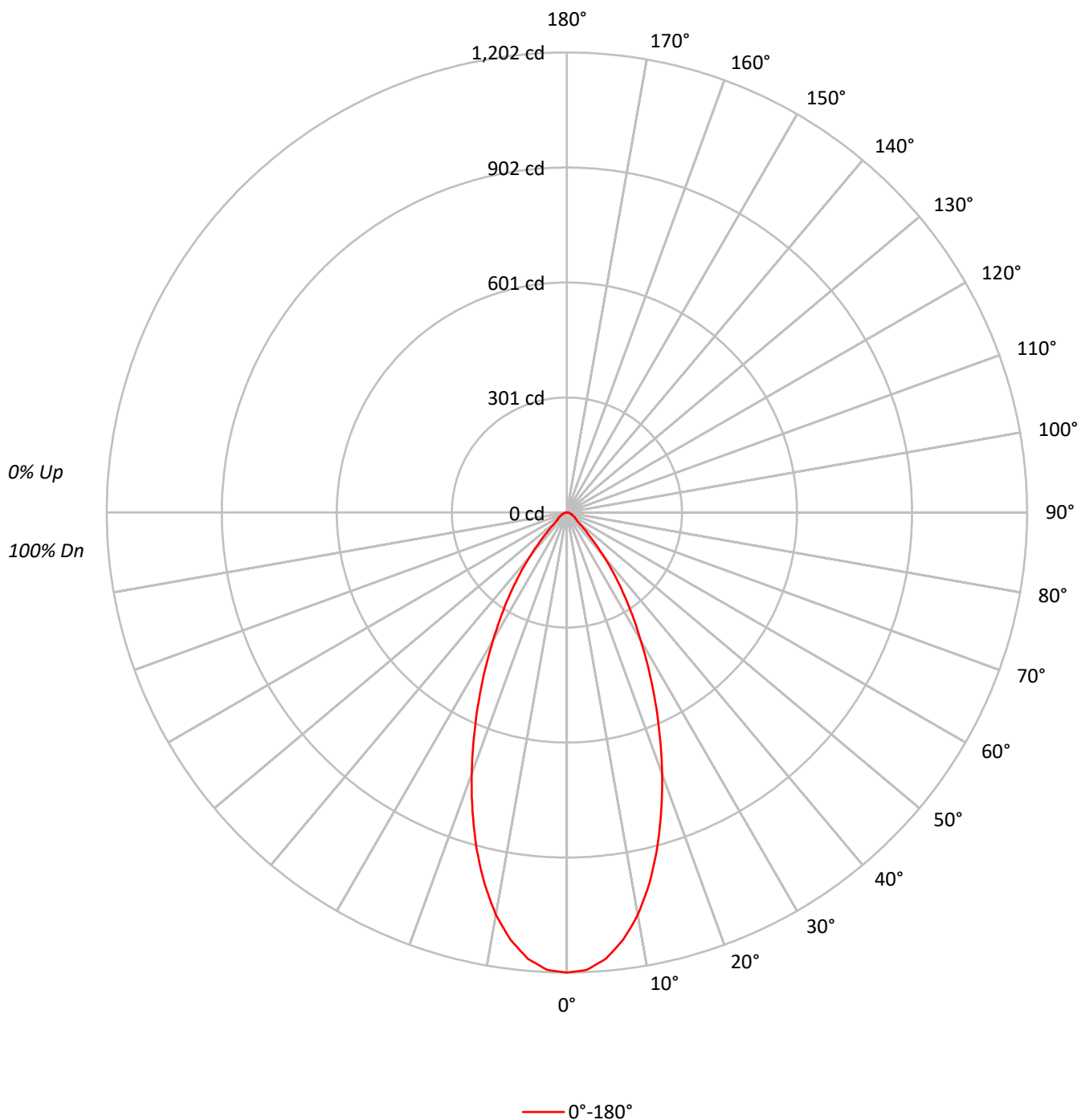
Lumens per Lamp: N/A
Luminaire Lumens: 885.0 lumens
Efficiency: N/A
Efficacy: 43.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	263597
5°	257582
10°	237626
15°	206630
20°	169741
25°	132080
30°	97534
35°	68636
40°	42852
45°	23196
50°	12554
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: 23196 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.4	12.2
10°-20°	251.6	28.4
20°-30°	249.8	28.2
30°-40°	160.9	18.2
40°-50°	62.0	7.0
50°-60°	25.2	2.8
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°	609.8	68.9
0°-40°	770.7	87.1
0°-60°	857.9	96.9
0°-90°	885.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	885.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1202	
5°	1170	108
15°	910	252
25°	546	250
35°	256	161
45°	75	62
55°	28	25
65°	16	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1202.1
2.5°	1196.0
5°	1170.2
7.5°	1126.1
10°	1067.2
12.5°	993.6
15°	910.2
17.5°	819.4
20°	727.4
22.5°	634.2
25°	545.9
27.5°	462.5
30°	385.2
32.5°	317.7
35°	256.4
37.5°	201.2
40°	149.7
42.5°	107.9
45°	74.8
47.5°	50.3
50°	36.8
52.5°	30.7
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)