

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: P1276353

Luminaire Tested: P3AS17R159835DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276353
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159835DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

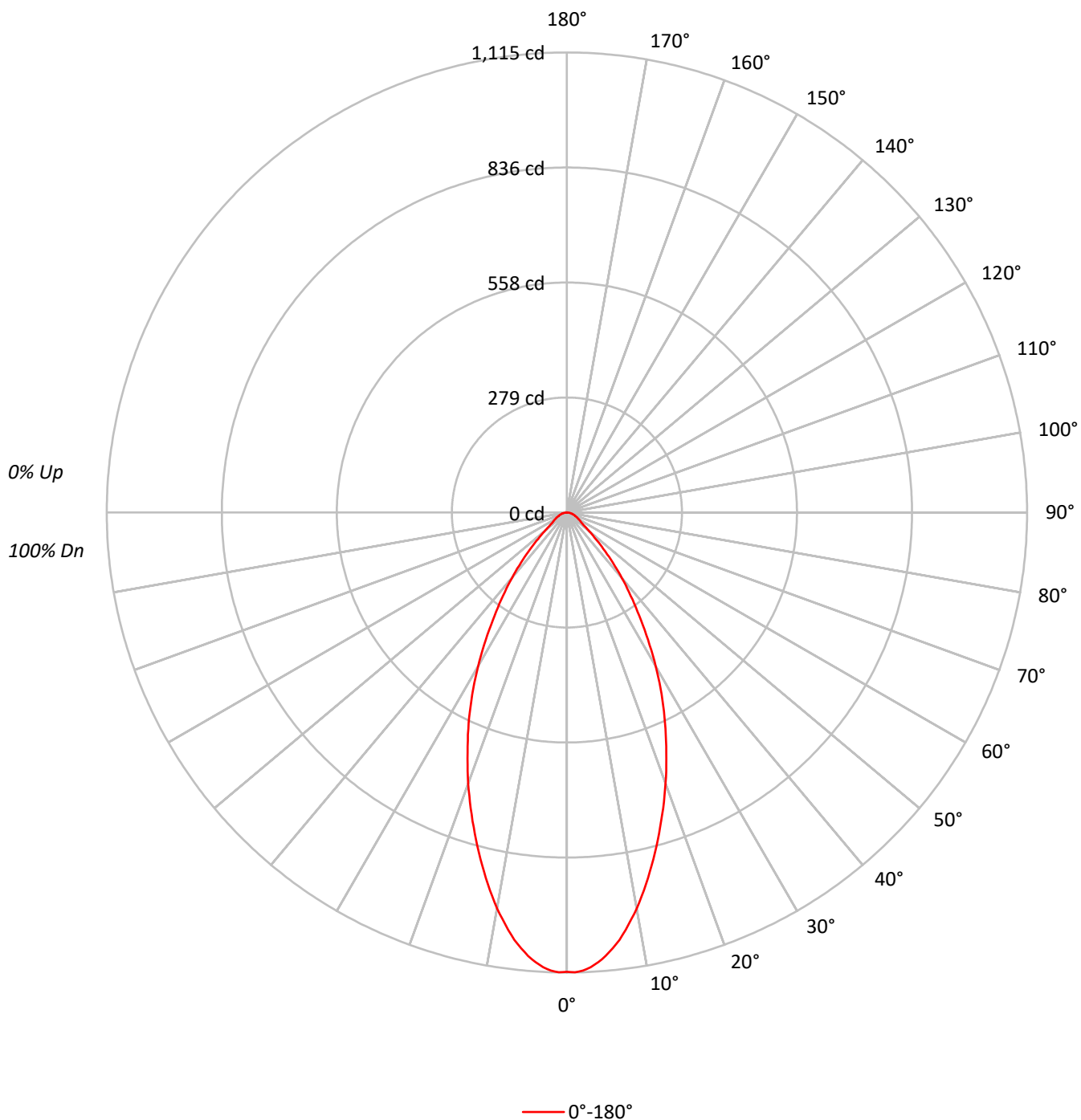
Lumens per Lamp: N/A
Luminaire Lumens: 967.9 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	109	107	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		70
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	244169
5°	237530
10°	217075
15°	190149
20°	163114
25°	136193
30°	108979
35°	81726
40°	59311
45°	38795
50°	24255
55°	16401
60°	14516
65°	13387
70°	12566
75°	11438
80°	10860
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38795 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.6	10.3
10°-20°	233.4	24.1
20°-30°	257.1	26.6
30°-40°	192.5	19.9
40°-50°	99.8	10.3
50°-60°	41.4	4.3
60°-70°	25.6	2.6
70°-80°	14.4	1.5
80°-90°	4.2	0.4
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°	590.1	61.0
0°-40°	782.6	80.9
0°-60°	923.8	95.4
0°-90°	967.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	967.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1114	
5°	1079	100
15°	838	233
25°	563	257
35°	305	193
45°	125	100
55°	43	41
65°	26	26
75°	14	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1113.5
1°	1114.7
2°	1111.0
3°	1103.7
4°	1092.6
5°	1079.1
6°	1062.0
7°	1043.6
8°	1021.5
9°	998.2
10°	974.9
12.5°	907.5
15°	837.6
17.5°	767.7
20°	699.0
22.5°	629.1
25°	562.9
27.5°	496.7
30°	430.4
32.5°	365.4
35°	305.3
37.5°	253.8
40°	207.2
42.5°	164.3
45°	125.1
47.5°	94.4
50°	71.1
52.5°	52.7
55°	42.9
57.5°	38.0
60°	33.1
62.5°	29.4
65°	25.8
67.5°	22.1
70°	19.6
72.5°	15.9
75°	13.5
77.5°	11.0
80°	8.6
82.5°	6.1
85°	3.7
87.5°	1.2
90°	0.0

(END OF REPORT)