

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: P1252311

Luminaire Tested: P3AS17R259030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252311
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

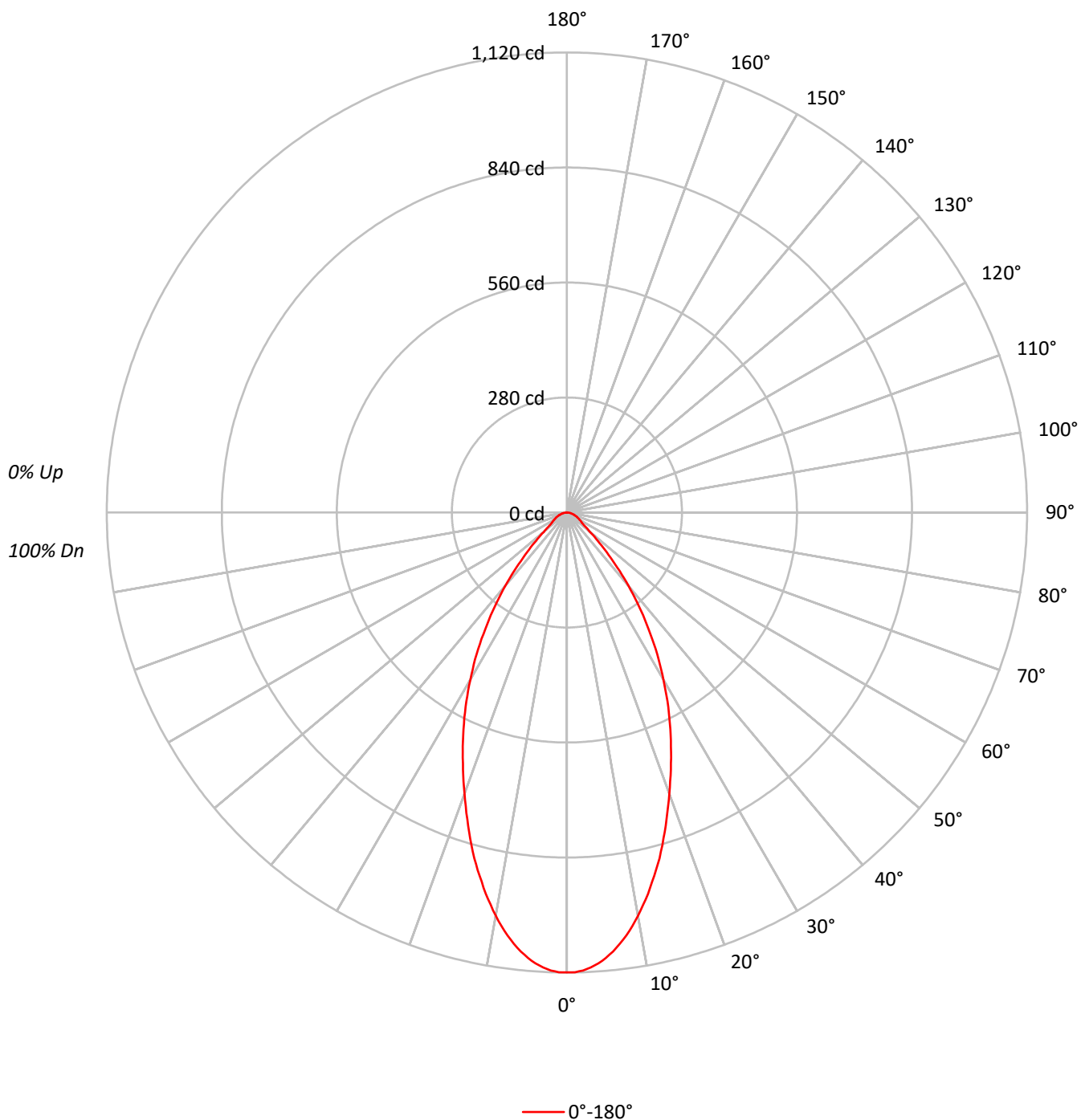
Lumens per Lamp: N/A
Luminaire Lumens: 1033.0 lumens
Efficiency: N/A
Efficacy: 48.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	245507
5°	239643
10°	222062
15°	197776
20°	169975
25°	144468
30°	118930
35°	92675
40°	66668
45°	42299
50°	25040
55°	17204
60°	15788
65°	14684
70°	13207
75°	12031
80°	11365
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42299 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.0	9.8
10°-20°	241.9	23.4
20°-30°	273.3	26.5
30°-40°	216.2	20.9
40°-50°	109.2	10.6
50°-60°	43.7	4.2
60°-70°	28.0	2.7
70°-80°	15.5	1.5
80°-90°	4.4	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°	616.1	59.6
0°-40°	832.3	80.6
0°-60°	985.2	95.4
0°-90°	1033.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1033.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1120	
5°	1089	101
15°	871	242
25°	597	273
35°	346	216
45°	136	109
55°	45	44
65°	28	28
75°	14	15
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1119.6
1°	1119.6
2°	1115.7
3°	1109.3
4°	1100.3
5°	1088.7
6°	1074.6
7°	1057.8
8°	1039.8
9°	1019.2
10°	997.3
11°	972.9
12°	949.7
13°	922.7
14°	897.0
15°	871.2
17.5°	799.2
20°	728.4
22.5°	661.5
25°	597.1
27.5°	534.1
30°	469.7
32.5°	409.2
35°	346.2
37.5°	288.3
40°	232.9
42.5°	181.5
45°	136.4
47.5°	101.7
50°	73.4
52.5°	55.3
55°	45.0
57.5°	41.2
60°	36.0
62.5°	32.2
65°	28.3
67.5°	24.5
70°	20.6
72.5°	18.0
75°	14.2
77.5°	11.6
80°	9.0
82.5°	6.4
85°	3.9
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)