

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: P1255018

Luminaire Tested: P3AS17R259035DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255018
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: P3AS17R259035DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

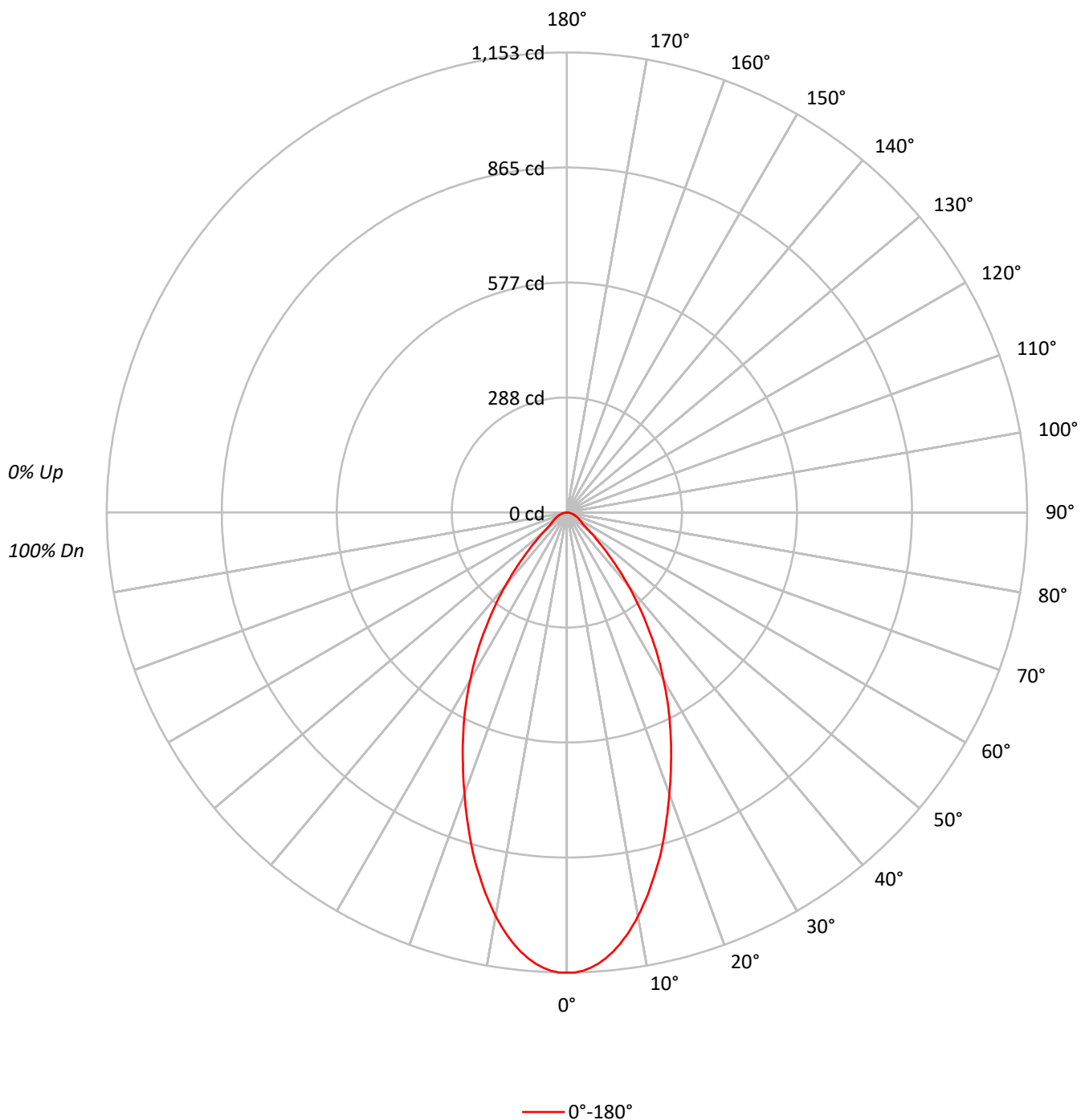
Lumens per Lamp: N/A
Luminaire Lumens: 1064.0 lumens
Efficiency: N/A
Efficacy: 50.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	252874
5°	246841
10°	228742
15°	203724
20°	175062
25°	148799
30°	122500
35°	95459
40°	68672
45°	43570
50°	25790
55°	17739
60°	16271
65°	15151
70°	13592
75°	12370
80°	11744
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 43570 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.0	9.8
10°-20°	249.1	23.4
20°-30°	281.5	26.5
30°-40°	222.6	20.9
40°-50°	112.5	10.6
50°-60°	45.0	4.2
60°-70°	28.8	2.7
70°-80°	15.9	1.5
80°-90°	4.5	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°	634.6	59.6
0°-40°	857.2	80.6
0°-60°	1014.7	95.4
0°-90°	1064.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1064.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1153	
5°	1121	104
15°	897	249
25°	615	281
35°	357	223
45°	140	112
55°	46	45
65°	29	29
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1153.2
1°	1153.2
2°	1149.2
3°	1142.6
4°	1133.3
5°	1121.4
6°	1106.8
7°	1089.6
8°	1071.0
9°	1049.8
10°	1027.3
11°	1002.1
12°	978.2
13°	950.4
14°	923.9
15°	897.4
17.5°	823.1
20°	750.2
22.5°	681.3
25°	615.0
27.5°	550.1
30°	483.8
32.5°	421.5
35°	356.6
37.5°	296.9
40°	239.9
42.5°	186.9
45°	140.5
47.5°	104.7
50°	75.6
52.5°	57.0
55°	46.4
57.5°	42.4
60°	37.1
62.5°	33.1
65°	29.2
67.5°	25.2
70°	21.2
72.5°	18.6
75°	14.6
77.5°	11.9
80°	9.3
82.5°	6.6
85°	4.0
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)