

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: P1260319

Luminaire Tested: P3AS17R259050DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260319
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259050DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

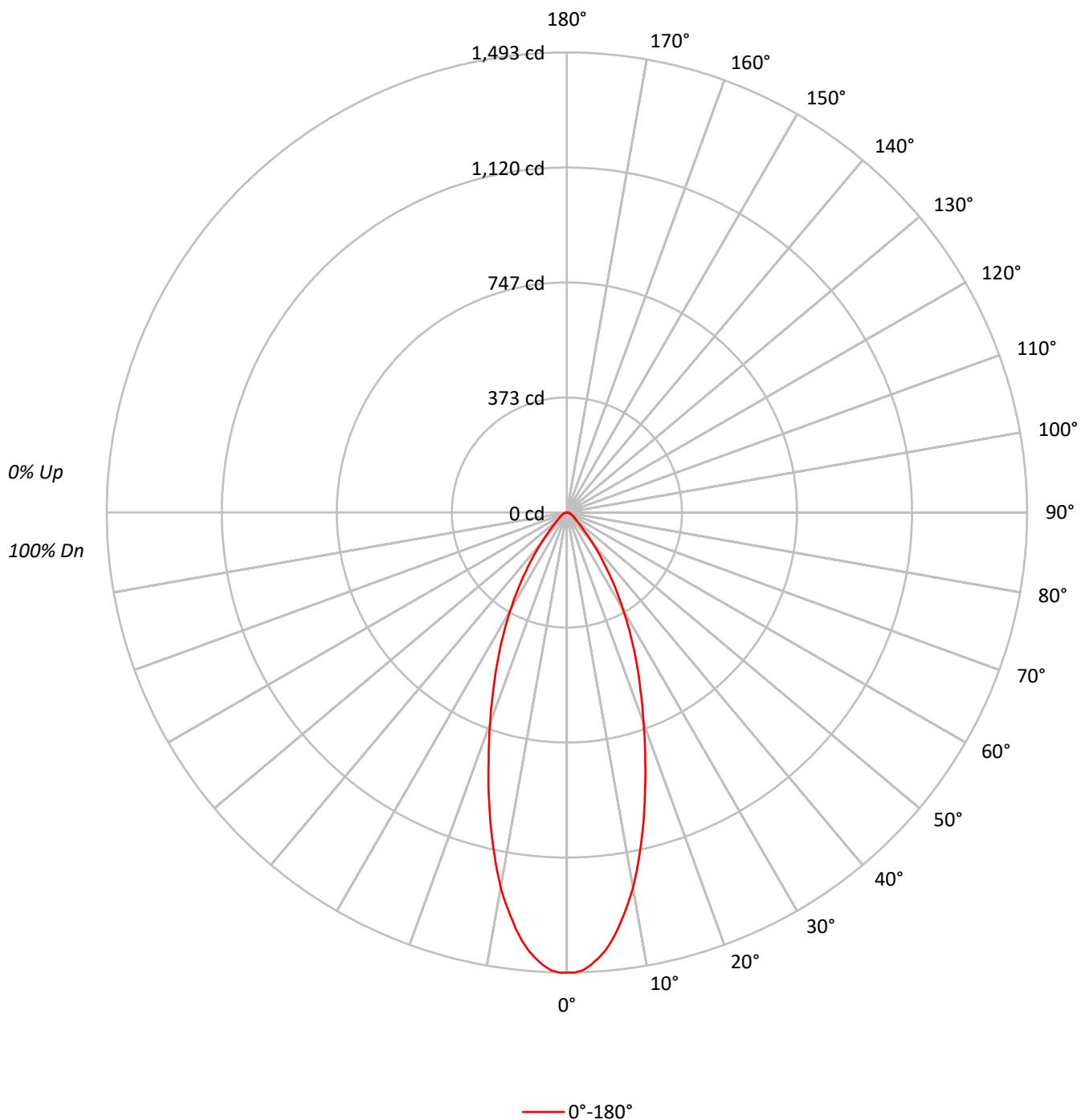
Lumens per Lamp: N/A
Luminaire Lumens: 901.9 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	327474
5°	314175
10°	275234
15°	221227
20°	169975
25°	128620
30°	92926
35°	61730
40°	37442
45°	21801
50°	13919
55°	11278
60°	9868
65°	8769
70°	7181
75°	7117
80°	5304
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21801 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.9	14.4
10°-20°	269.5	29.9
20°-30°	243.7	27.0
30°-40°	146.4	16.2
40°-50°	58.1	6.4
50°-60°	26.8	3.0
60°-70°	16.4	1.8
70°-80°	8.7	1.0
80°-90°	2.5	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°	643.1	71.3
0°-40°	789.5	87.5
0°-60°	874.4	97.0
0°-90°	901.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	901.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1493	
5°	1427	130
15°	974	269
25°	532	244
35°	231	146
45°	70	58
55°	30	27
65°	17	16
75°	8	9
85°	3	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1493.4
1°	1493.4
2°	1486.4
3°	1470.9
4°	1451.2
5°	1427.3
6°	1396.4
7°	1361.2
8°	1320.4
9°	1279.7
10°	1236.1
11°	1185.4
12°	1133.4
13°	1081.4
14°	1029.4
15°	974.5
17.5°	845.1
20°	728.4
22.5°	623.0
25°	531.6
27.5°	445.8
30°	367.0
32.5°	295.3
35°	230.6
37.5°	175.8
40°	130.8
42.5°	95.6
45°	70.3
47.5°	53.4
50°	40.8
52.5°	33.7
55°	29.5
57.5°	25.3
60°	22.5
62.5°	18.3
65°	16.9
67.5°	14.1
70°	11.2
72.5°	9.8
75°	8.4
77.5°	7.0
80°	4.2
82.5°	2.8
85°	2.8
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)