

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: P1272273

Luminaire Tested: P3AS17R259827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272273
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: P3AS17R259827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

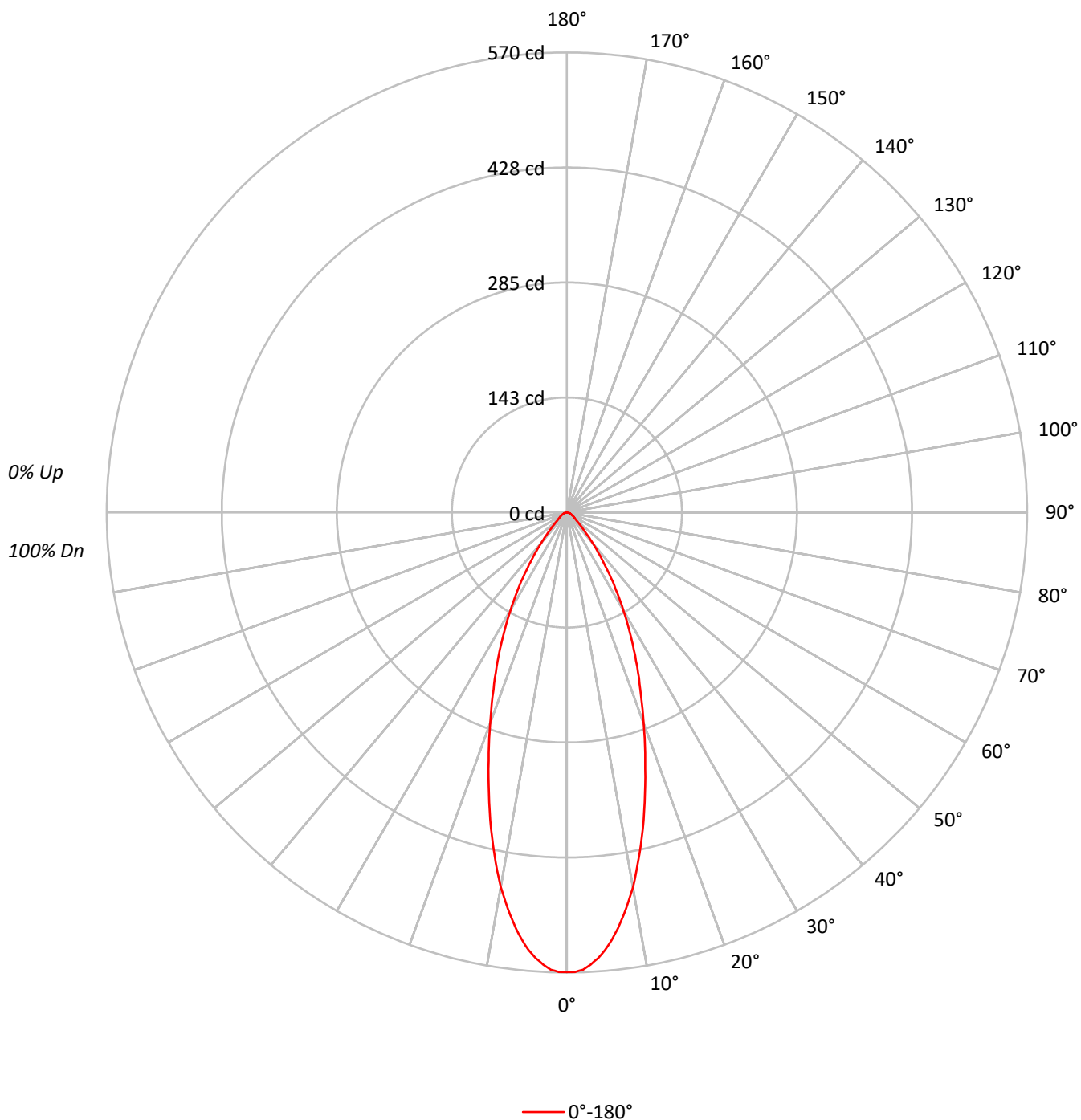
Lumens per Lamp: N/A
Luminaire Lumens: 344.1 lumens
Efficiency: N/A
Efficacy: 16.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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		64	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°	124880
5°	119810
10°	104964
15°	84382
20°	64826
25°	49043
30°	35448
35°	23557
40°	14284
45°	8311
50°	5322
55°	4320
60°	3772
65°	3321
70°	2757
75°	2711
80°	2020
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.6	14.4
10°-20°	102.8	29.9
20°-30°	92.9	27.0
30°-40°	55.8	16.2
40°-50°	22.2	6.4
50°-60°	10.3	3.0
60°-70°	6.2	1.8
70°-80°	3.3	1.0
80°-90°	1.0	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°	245.3	71.3
0°-40°	301.1	87.5
0°-60°	333.5	96.9
0°-90°	344.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	344.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	570	
5°	544	50
15°	372	103
25°	203	93
35°	88	56
45°	27	22
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	569.5
1°	569.5
2°	566.9
3°	561.0
4°	553.5
5°	544.3
6°	532.5
7°	519.1
8°	503.6
9°	488.0
10°	471.4
11°	452.1
12°	432.3
13°	412.4
14°	392.6
15°	371.7
17.5°	322.3
20°	277.8
22.5°	237.6
25°	202.7
27.5°	170.0
30°	140.0
32.5°	112.6
35°	88.0
37.5°	67.0
40°	49.9
42.5°	36.5
45°	26.8
47.5°	20.4
50°	15.6
52.5°	12.9
55°	11.3
57.5°	9.7
60°	8.6
62.5°	7.0
65°	6.4
67.5°	5.4
70°	4.3
72.5°	3.8
75°	3.2
77.5°	2.7
80°	1.6
82.5°	1.1
85°	1.1
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)