

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: P1272293

Luminaire Tested: P3AS17R309827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272293
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

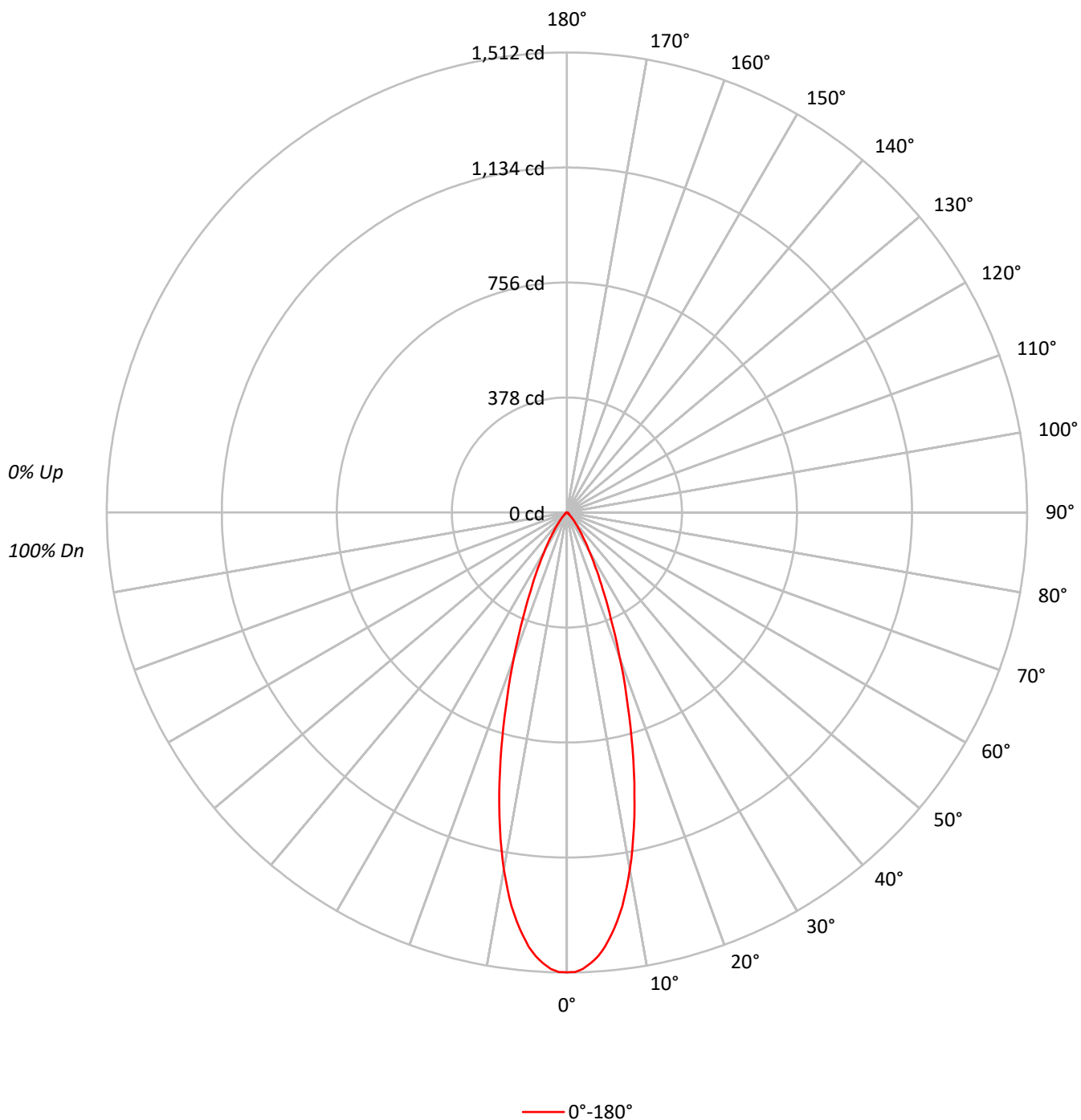
Lumens per Lamp: N/A
Luminaire Lumens: 568.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	331443
5°	315474
10°	265348
15°	191352
20°	118707
25°	67504
30°	37499
35°	20398
40°	10763
45°	5830
50°	3104
55°	2064
60°	1886
65°	1972
70°	1731
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5830 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.0	22.7
10°-20°	229.4	40.4
20°-30°	132.6	23.3
30°-40°	50.3	8.9
40°-50°	15.5	2.7
50°-60°	5.2	0.9
60°-70°	3.5	0.6
70°-80°	1.9	0.3
80°-90°	0.6	0.1
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°	491.0	86.4
0°-40°	541.3	95.3
0°-60°	562.0	98.9
0°-90°	568.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	568.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1512	
5°	1433	129
15°	843	229
25°	279	133
35°	76	50
45°	19	15
55°	5	5
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1511.5
1°	1510.4
2°	1501.3
3°	1484.1
4°	1462.7
5°	1433.2
6°	1395.6
7°	1353.8
8°	1307.1
9°	1251.3
10°	1191.7
11°	1127.3
12°	1059.2
13°	987.8
14°	915.4
15°	842.9
17.5°	664.8
20°	508.7
22.5°	377.2
25°	279.0
27.5°	202.8
30°	148.1
32.5°	106.8
35°	76.2
37.5°	53.1
40°	37.6
42.5°	26.3
45°	18.8
47.5°	12.9
50°	9.1
52.5°	6.4
55°	5.4
57.5°	4.8
60°	4.3
62.5°	3.8
65°	3.8
67.5°	3.2
70°	2.7
72.5°	2.1
75°	1.6
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)