

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: P1276694

Luminaire Tested: P3AS20R159835D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276694
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159835D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

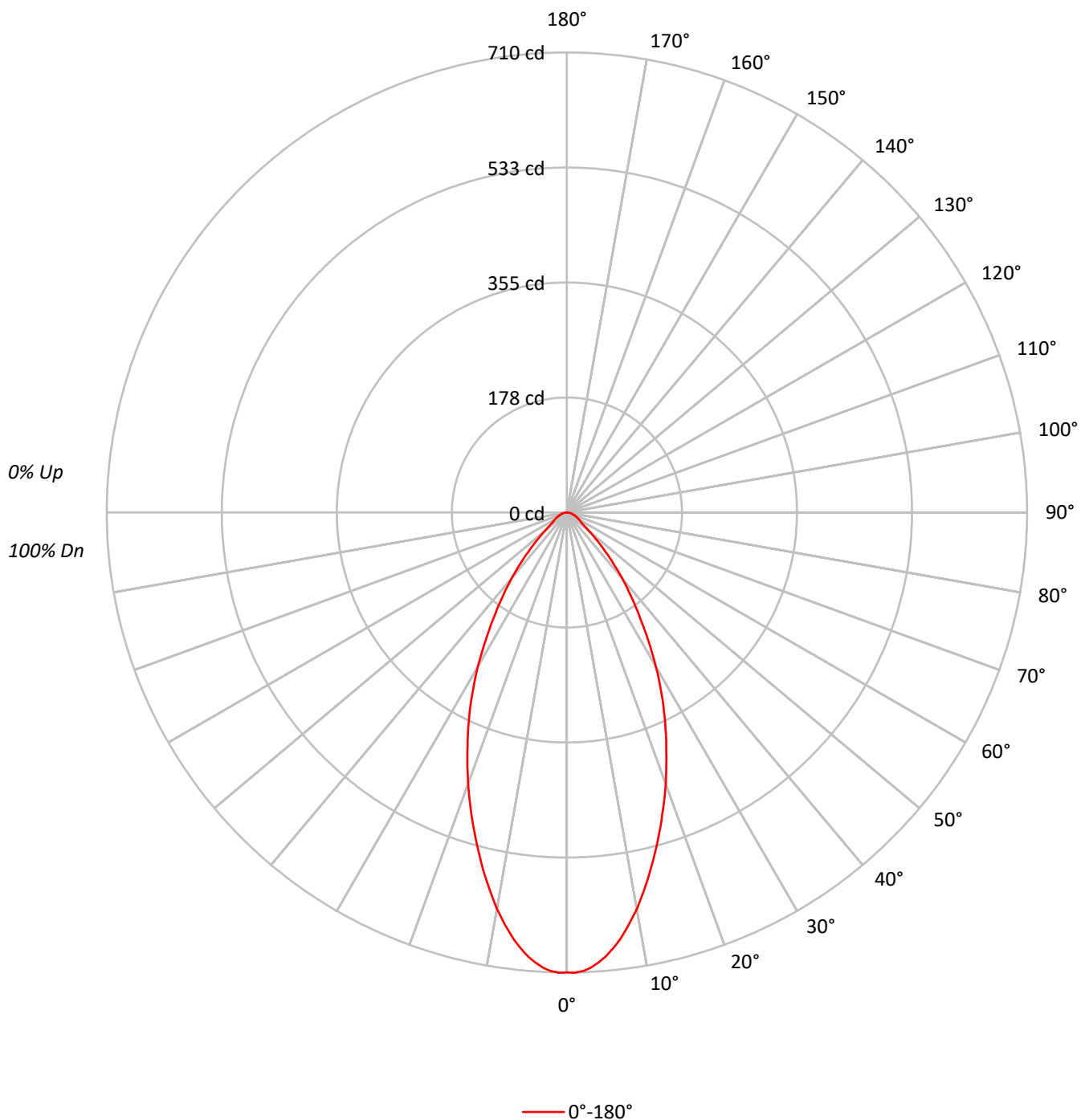
Lumens per Lamp: N/A
Luminaire Lumens: 617.0 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155623
5°	151397
10°	138363
15°	121204
20°	103959
25°	86811
30°	69479
35°	52093
40°	37814
45°	24716
50°	15454
55°	10475
60°	9254
65°	8509
70°	8014
75°	7286
80°	6945
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24716 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.5	10.3
10°-20°	148.8	24.1
20°-30°	163.9	26.6
30°-40°	122.7	19.9
40°-50°	63.6	10.3
50°-60°	26.4	4.3
60°-70°	16.3	2.6
70°-80°	9.2	1.5
80°-90°	2.7	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°	376.1	61.0
0°-40°	498.9	80.9
0°-60°	588.8	95.4
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	710	
5°	688	63
15°	534	149
25°	359	164
35°	195	123
45°	80	64
55°	27	26
65°	16	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	709.7
1°	710.5
2°	708.2
3°	703.5
4°	696.4
5°	687.8
6°	676.9
7°	665.2
8°	651.1
9°	636.3
10°	621.4
12.5°	578.4
15°	533.9
17.5°	489.3
20°	445.5
22.5°	401.0
25°	358.8
27.5°	316.6
30°	274.4
32.5°	232.9
35°	194.6
37.5°	161.8
40°	132.1
42.5°	104.7
45°	79.7
47.5°	60.2
50°	45.3
52.5°	33.6
55°	27.4
57.5°	24.2
60°	21.1
62.5°	18.8
65°	16.4
67.5°	14.1
70°	12.5
72.5°	10.2
75°	8.6
77.5°	7.0
80°	5.5
82.5°	3.9
85°	2.3
87.5°	0.8
90°	0.0

(END OF REPORT)