

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: P1276812

Luminaire Tested: P3AS20R359835D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276812
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359835D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

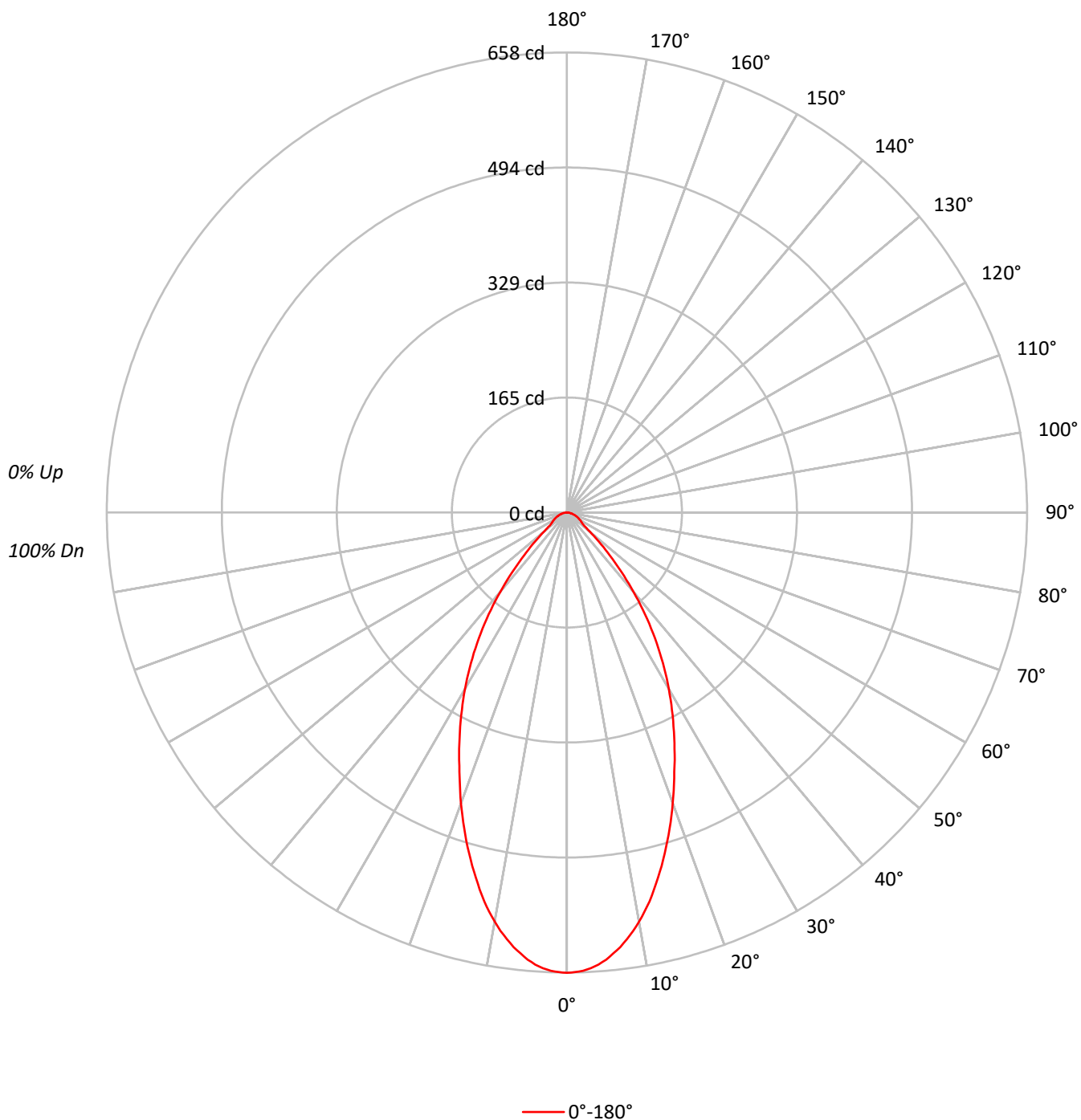
Lumens per Lamp: N/A
Luminaire Lumens: 632.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144374
5°	141316
10°	132329
15°	118798
20°	103329
25°	88045
30°	73758
35°	58758
40°	42480
45°	26887
50°	14669
55°	10169
60°	9604
65°	8924
70°	8527
75°	7286
80°	6945
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26887 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.7	9.5
10°-20°	145.6	23.0
20°-30°	166.9	26.4
30°-40°	136.2	21.5
40°-50°	68.7	10.9
50°-60°	25.5	4.0
60°-70°	17.1	2.7
70°-80°	9.5	1.5
80°-90°	2.9	0.5
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°	372.2	58.9
0°-40°	508.4	80.4
0°-60°	602.6	95.3
0°-90°	632.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	632.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	658	
5°	642	60
15°	523	146
25°	364	167
35°	220	136
45°	87	69
55°	27	26
65°	17	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	658.4
1°	657.6
2°	656.0
3°	652.9
4°	648.2
5°	642.0
6°	634.2
7°	626.3
8°	616.2
9°	606.0
10°	594.3
11°	581.8
12°	568.6
13°	553.7
14°	538.1
15°	523.3
17.5°	483.4
20°	442.8
22.5°	401.4
25°	363.9
27.5°	327.2
30°	291.3
32.5°	255.4
35°	219.5
37.5°	183.5
40°	148.4
42.5°	115.6
45°	86.7
47.5°	62.5
50°	43.0
52.5°	31.2
55°	26.6
57.5°	24.2
60°	21.9
62.5°	19.5
65°	17.2
67.5°	14.8
70°	13.3
72.5°	10.9
75°	8.6
77.5°	7.0
80°	5.5
82.5°	3.9
85°	2.3
87.5°	1.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)