

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: P1255597

Luminaire Tested: P3AS20R659035D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255597
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659035D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

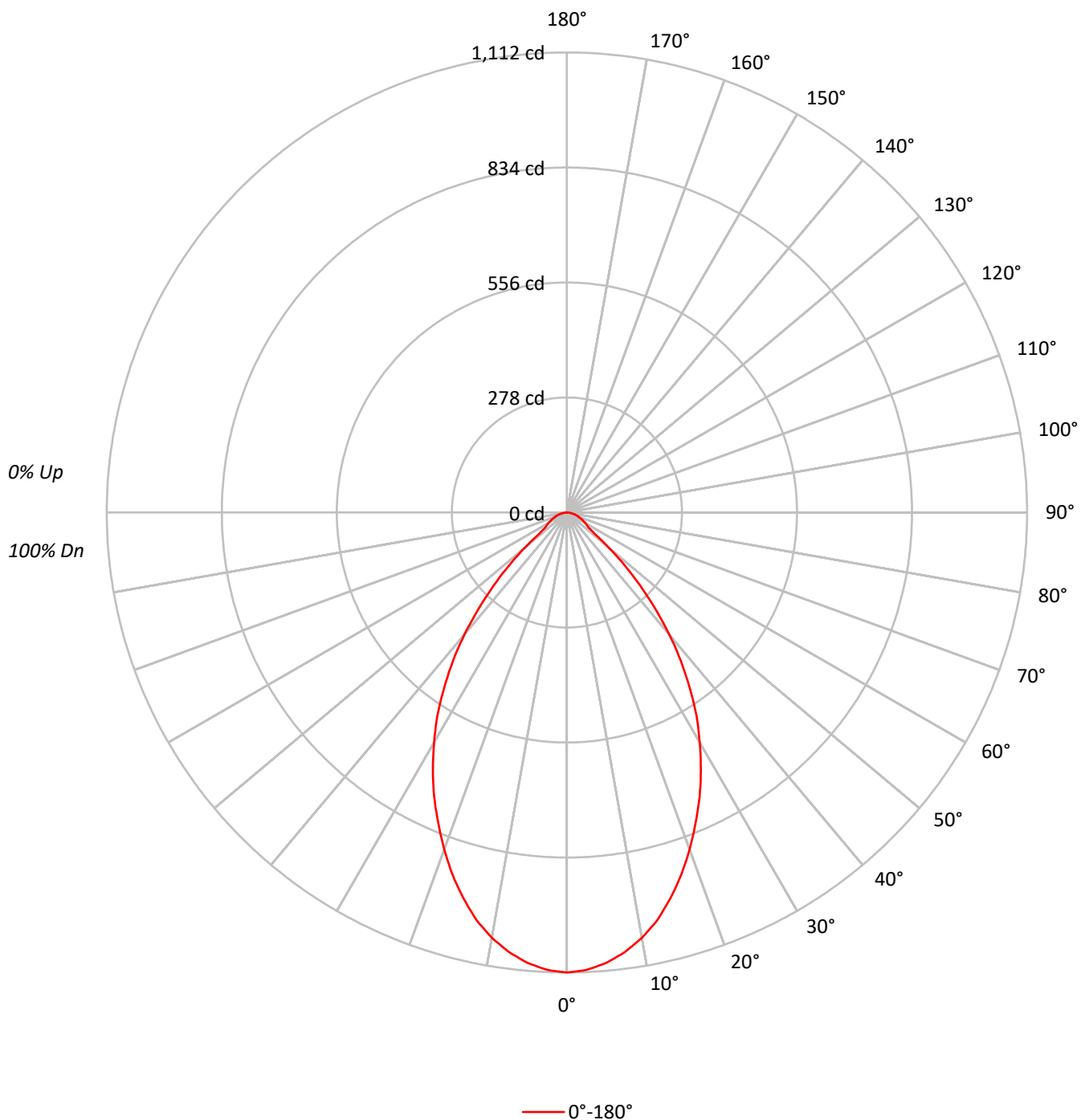
Lumens per Lamp: N/A
Luminaire Lumens: 1370.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	243796
5°	240523
10°	232438
15°	219229
20°	202201
25°	183543
30°	162557
35°	138343
40°	110063
45°	77682
50°	45099
55°	24620
60°	22893
65°	20754
70°	18978
75°	17707
80°	15406
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 77682 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.8	7.5
10°-20°	270.2	19.7
20°-30°	347.2	25.3
30°-40°	321.2	23.4
40°-50°	193.9	14.2
50°-60°	66.1	4.8
60°-70°	39.8	2.9
70°-80°	22.5	1.6
80°-90°	6.4	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°	720.1	52.6
0°-40°	1041.3	76.0
0°-60°	1301.3	95.0
0°-90°	1370.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1370.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1112	
5°	1093	103
15°	966	270
25°	759	347
35°	517	321
45°	250	194
55°	64	66
65°	40	40
75°	21	22
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1111.8
2.5°	1106.6
5°	1092.7
7.5°	1071.8
10°	1043.9
12.5°	1009.2
15°	965.7
17.5°	918.7
20°	866.5
22.5°	812.5
25°	758.6
27.5°	701.2
30°	642.0
32.5°	582.9
35°	516.8
37.5°	452.4
40°	384.5
42.5°	316.7
45°	250.5
47.5°	189.7
50°	132.2
52.5°	83.5
55°	64.4
57.5°	57.4
60°	52.2
62.5°	45.2
65°	40.0
67.5°	34.8
70°	29.6
72.5°	26.1
75°	20.9
77.5°	17.4
80°	12.2
82.5°	8.7
85°	5.2
87.5°	3.5
90°	0.0

(END OF REPORT)