

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: P1258302

Luminaire Tested: P3AS20R659040D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258302
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: P3AS20R659040D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

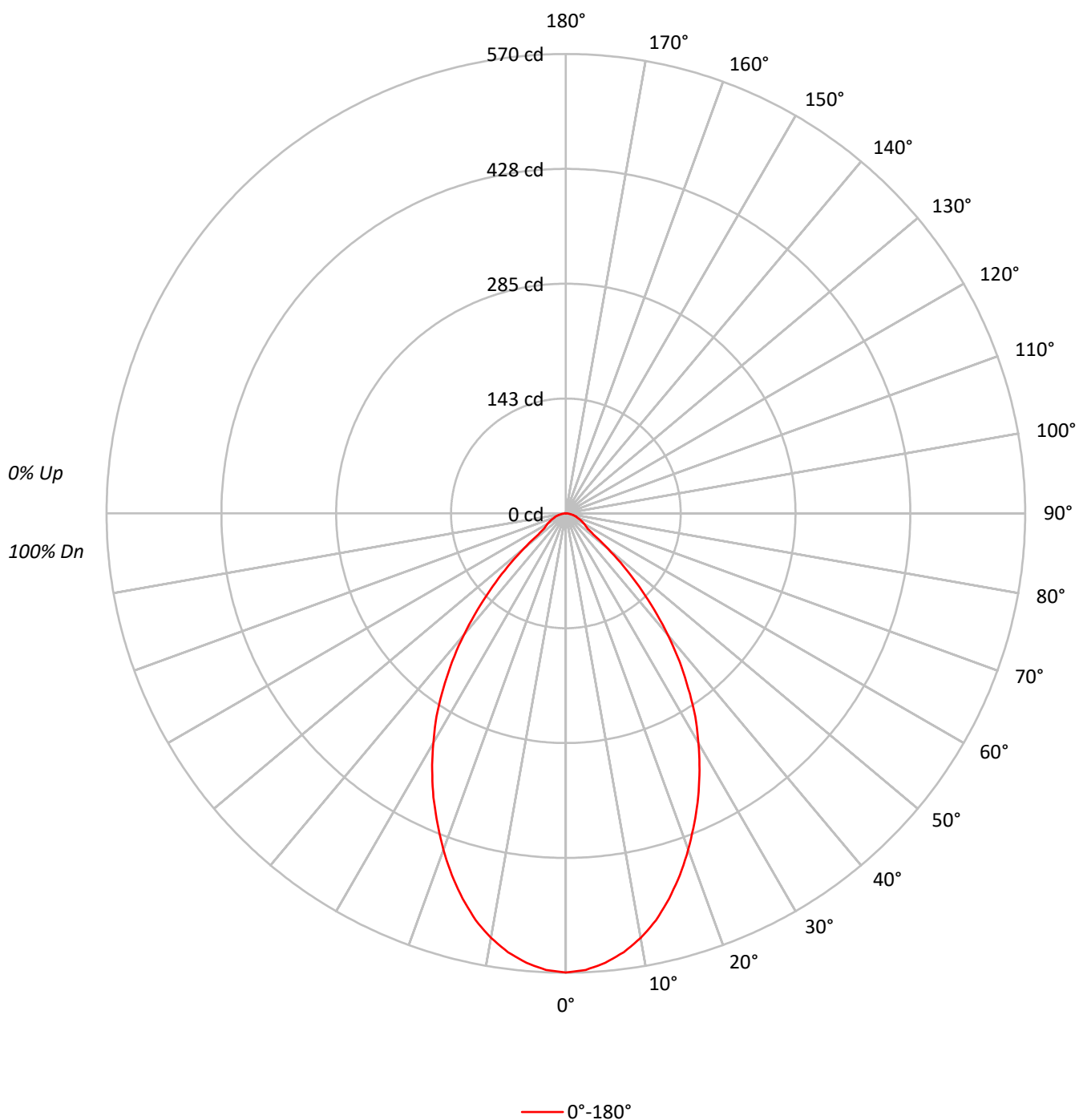
Lumens per Lamp: N/A
Luminaire Lumens: 702.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	124924
5°	123244
10°	119103
15°	112328
20°	103609
25°	94046
30°	83304
35°	70885
40°	56391
45°	39818
50°	23129
55°	12616
60°	11710
65°	10637
70°	9745
75°	9065
80°	7829
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39818 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.7	7.5
10°-20°	138.4	19.7
20°-30°	177.9	25.3
30°-40°	164.6	23.4
40°-50°	99.4	14.2
50°-60°	33.9	4.8
60°-70°	20.4	2.9
70°-80°	11.5	1.6
80°-90°	3.3	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°	369.0	52.6
0°-40°	533.6	76.0
0°-60°	666.8	95.0
0°-90°	702.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	702.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	570	
5°	560	53
15°	495	138
25°	389	178
35°	265	165
45°	128	99
55°	33	34
65°	20	20
75°	11	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	569.7
2.5°	567.0
5°	559.9
7.5°	549.2
10°	534.9
12.5°	517.1
15°	494.8
17.5°	470.7
20°	444.0
22.5°	416.4
25°	388.7
27.5°	359.3
30°	329.0
32.5°	298.7
35°	264.8
37.5°	231.8
40°	197.0
42.5°	162.3
45°	128.4
47.5°	97.2
50°	67.8
52.5°	42.8
55°	33.0
57.5°	29.4
60°	26.7
62.5°	23.2
65°	20.5
67.5°	17.8
70°	15.2
72.5°	13.4
75°	10.7
77.5°	8.9
80°	6.2
82.5°	4.5
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)