

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: P1258303

Luminaire Tested: P3AS20R659040D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258303
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 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

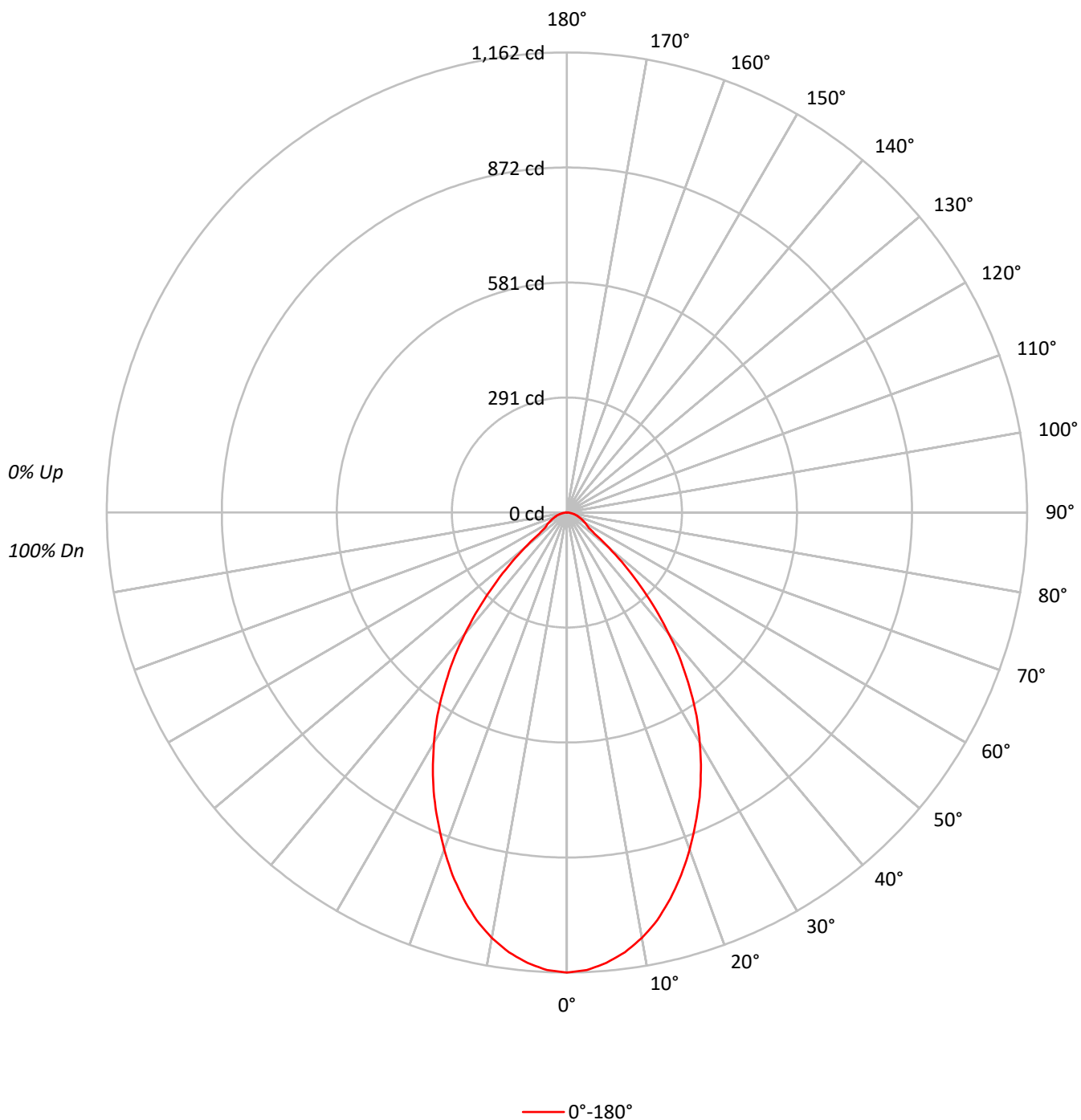
Lumens per Lamp: N/A
Luminaire Lumens: 1432.0 lumens
Efficiency: N/A
Efficacy: 49.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	254826
5°	251397
10°	242970
15°	229150
20°	211348
25°	191842
30°	169925
35°	144581
40°	115044
45°	81218
50°	47146
55°	25729
60°	23945
65°	21688
70°	19811
75°	18470
80°	16037
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 81218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.4	7.5
10°-20°	282.4	19.7
20°-30°	362.9	25.3
30°-40°	335.7	23.4
40°-50°	202.7	14.2
50°-60°	69.1	4.8
60°-70°	41.6	2.9
70°-80°	23.5	1.6
80°-90°	6.7	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°	752.7	52.6
0°-40°	1088.4	76.0
0°-60°	1360.2	95.0
0°-90°	1432.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1432.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1162	
5°	1142	107
15°	1009	282
25°	793	363
35°	540	336
45°	262	203
55°	67	69
65°	42	42
75°	22	23
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1162.1
2.5°	1156.7
5°	1142.1
7.5°	1120.3
10°	1091.2
12.5°	1054.8
15°	1009.4
17.5°	960.3
20°	905.7
22.5°	849.3
25°	792.9
27.5°	732.9
30°	671.1
32.5°	609.2
35°	540.1
37.5°	472.9
40°	401.9
42.5°	331.0
45°	261.9
47.5°	198.2
50°	138.2
52.5°	87.3
55°	67.3
57.5°	60.0
60°	54.6
62.5°	47.3
65°	41.8
67.5°	36.4
70°	30.9
72.5°	27.3
75°	21.8
77.5°	18.2
80°	12.7
82.5°	9.1
85°	5.5
87.5°	3.6
90°	0.0

(END OF REPORT)