

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: P1274828

Luminaire Tested: P3AS20R509830D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274828
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R509830D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

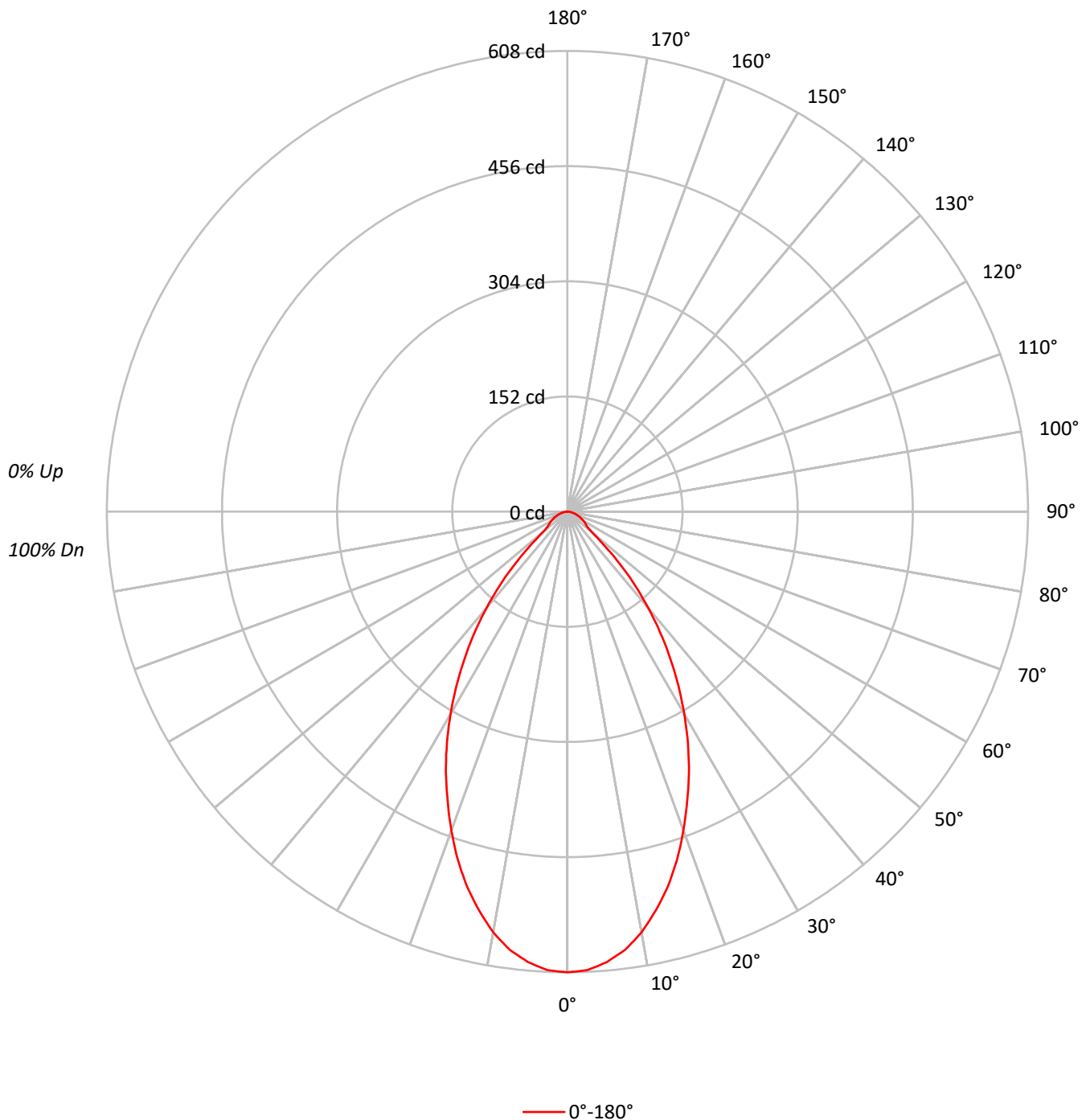
Lumens per Lamp: N/A
Luminaire Lumens: 656.0 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	133301
5°	131345
10°	125538
15°	116255
20°	104472
25°	91844
30°	78113
35°	63336
40°	47575
45°	30639
50°	14567
55°	11431
60°	10832
65°	10118
70°	9104
75°	8218
80°	7577
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30639 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	8.5
10°-20°	142.8	21.8
20°-30°	173.5	26.4
30°-40°	147.1	22.4
40°-50°	76.4	11.6
50°-60°	27.6	4.2
60°-70°	19.1	2.9
70°-80°	10.4	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°	372.2	56.7
0°-40°	519.3	79.2
0°-60°	623.3	95.0
0°-90°	656.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	656.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	608	
5°	597	56
15°	512	143
25°	380	173
35°	237	147
45°	99	76
55°	30	28
65°	20	19
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	607.9
2.5°	605.7
5°	596.7
7.5°	583.2
10°	563.8
12.5°	539.1
15°	512.1
17.5°	481.4
20°	447.7
22.5°	413.3
25°	379.6
27.5°	344.4
30°	308.5
32.5°	272.5
35°	236.6
37.5°	201.4
40°	166.2
42.5°	132.5
45°	98.8
47.5°	65.9
50°	42.7
52.5°	32.9
55°	29.9
57.5°	27.0
60°	24.7
62.5°	21.7
65°	19.5
67.5°	16.5
70°	14.2
72.5°	12.0
75°	9.7
77.5°	7.5
80°	6.0
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)