

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: P1258101

Luminaire Tested: P3AS20R309040D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258101
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309040D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

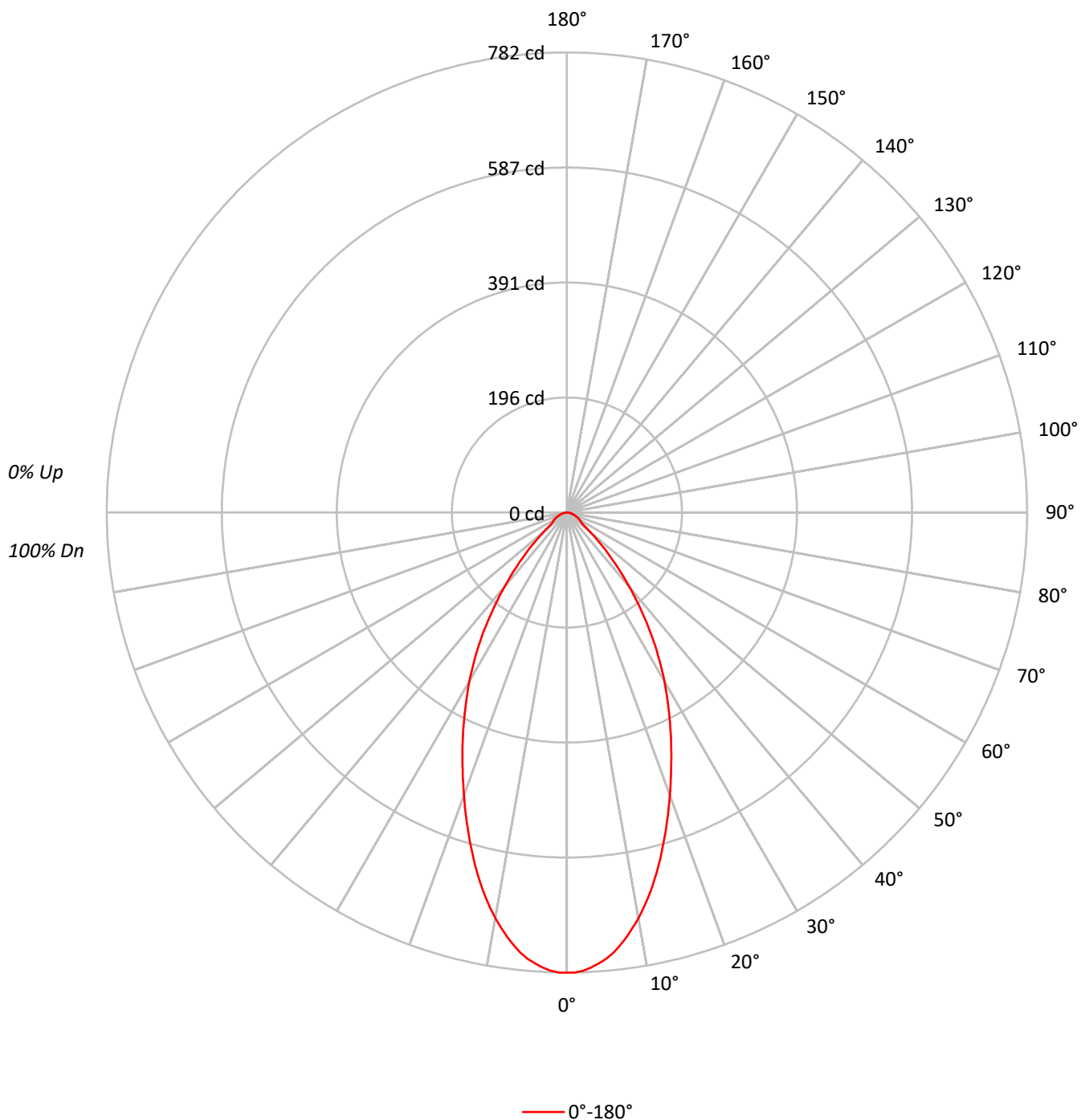
Lumens per Lamp: N/A
Luminaire Lumens: 726.0 lumens
Efficiency: N/A
Efficacy: 25.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171521
5°	167664
10°	155909
15°	138730
20°	119337
25°	101086
30°	83912
35°	65826
40°	47174
45°	30949
50°	17637
55°	11584
60°	10920
65°	10170
70°	9168
75°	8303
80°	7829
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30949 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	9.7
10°-20°	169.9	23.4
20°-30°	191.5	26.4
30°-40°	152.9	21.1
40°-50°	78.6	10.8
50°-60°	29.6	4.1
60°-70°	19.4	2.7
70°-80°	10.5	1.4
80°-90°	3.0	0.4
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°	432.1	59.5
0°-40°	585.0	80.6
0°-60°	693.1	95.5
0°-90°	726.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	726.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	782	
5°	762	71
15°	611	170
25°	418	191
35°	246	153
45°	100	79
55°	30	30
65°	20	19
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	782.2
1°	782.2
2°	779.5
3°	775.1
4°	768.8
5°	761.7
6°	752.8
7°	741.2
8°	728.7
9°	714.5
10°	700.2
11°	684.2
12°	667.3
13°	649.4
14°	630.7
15°	611.1
17.5°	561.3
20°	511.4
22.5°	463.3
25°	417.8
27.5°	373.3
30°	331.4
32.5°	288.6
35°	245.9
37.5°	204.0
40°	164.8
42.5°	130.1
45°	99.8
47.5°	73.9
50°	51.7
52.5°	36.5
55°	30.3
57.5°	27.6
60°	24.9
62.5°	22.3
65°	19.6
67.5°	16.9
70°	14.3
72.5°	11.6
75°	9.8
77.5°	8.0
80°	6.2
82.5°	4.5
85°	2.7
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)