

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: P1253032

Luminaire Tested: P3AS24R309030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253032
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: P3AS24R309030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

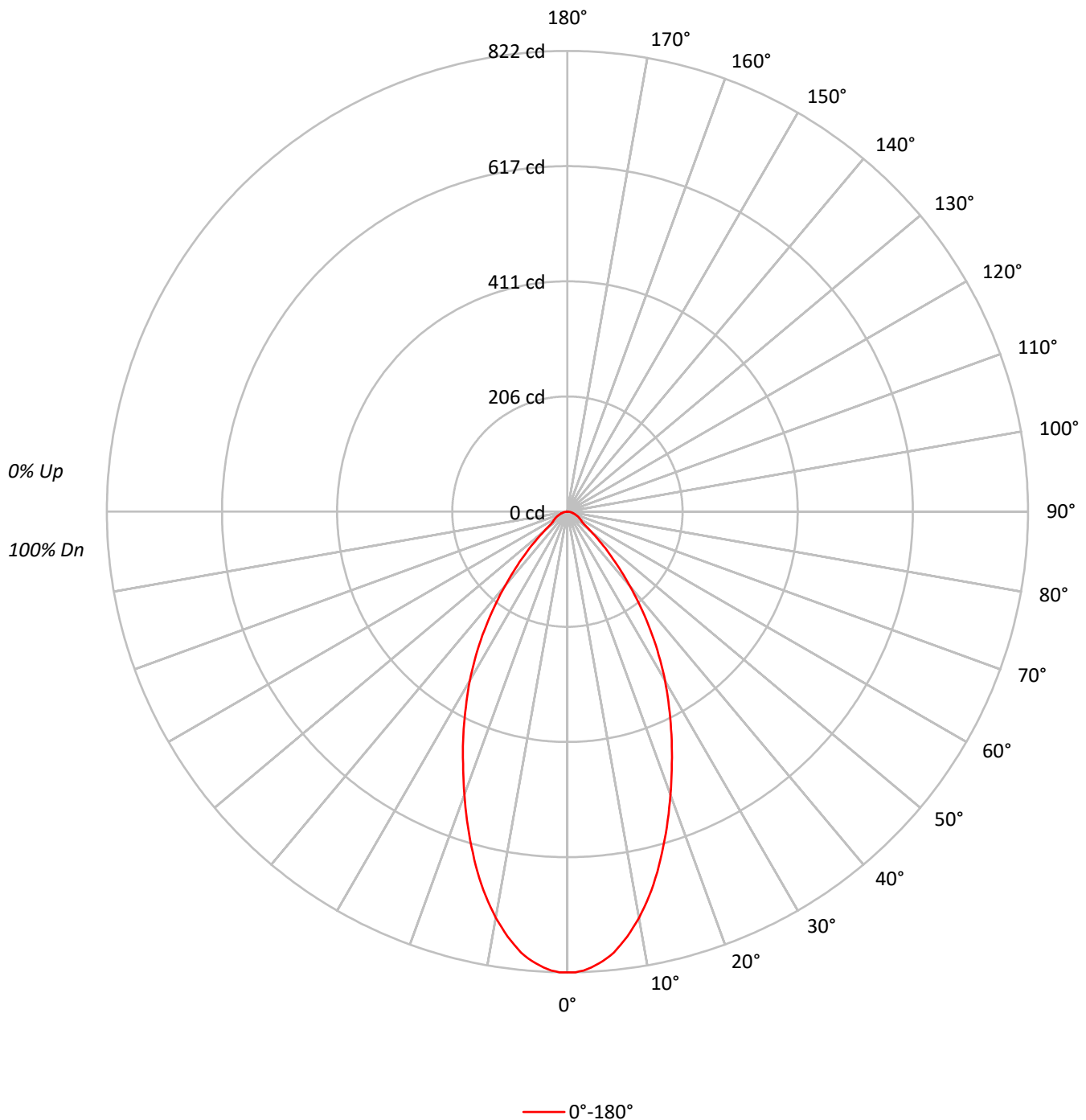
Lumens per Lamp: N/A
Luminaire Lumens: 763.0 lumens
Efficiency: N/A
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	180271
5°	176205
10°	163858
15°	145812
20°	125404
25°	106240
30°	88191
35°	69172
40°	49579
45°	32531
50°	18524
55°	12157
60°	11490
65°	10689
70°	9617
75°	8727
80°	8334
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32531 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.3	9.7
10°-20°	178.6	23.4
20°-30°	201.2	26.4
30°-40°	160.7	21.1
40°-50°	82.6	10.8
50°-60°	31.1	4.1
60°-70°	20.4	2.7
70°-80°	11.0	1.4
80°-90°	3.2	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°	454.1	59.5
0°-40°	614.8	80.6
0°-60°	728.5	95.5
0°-90°	763.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	763.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	822	
5°	800	74
15°	642	179
25°	439	201
35°	258	161
45°	105	83
55°	32	31
65°	21	20
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	822.1
1°	822.1
2°	819.2
3°	814.6
4°	808.0
5°	800.5
6°	791.2
7°	779.0
8°	765.9
9°	750.9
10°	735.9
11°	719.1
12°	701.3
13°	682.5
14°	662.9
15°	642.3
17.5°	589.9
20°	537.4
22.5°	486.9
25°	439.1
27.5°	392.3
30°	348.3
32.5°	303.4
35°	258.4
37.5°	214.4
40°	173.2
42.5°	136.7
45°	104.9
47.5°	77.7
50°	54.3
52.5°	38.4
55°	31.8
57.5°	29.0
60°	26.2
62.5°	23.4
65°	20.6
67.5°	17.8
70°	15.0
72.5°	12.2
75°	10.3
77.5°	8.4
80°	6.6
82.5°	4.7
85°	2.8
87.5°	0.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)