

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: P1252747

Luminaire Tested: P3AS20R409030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252747
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

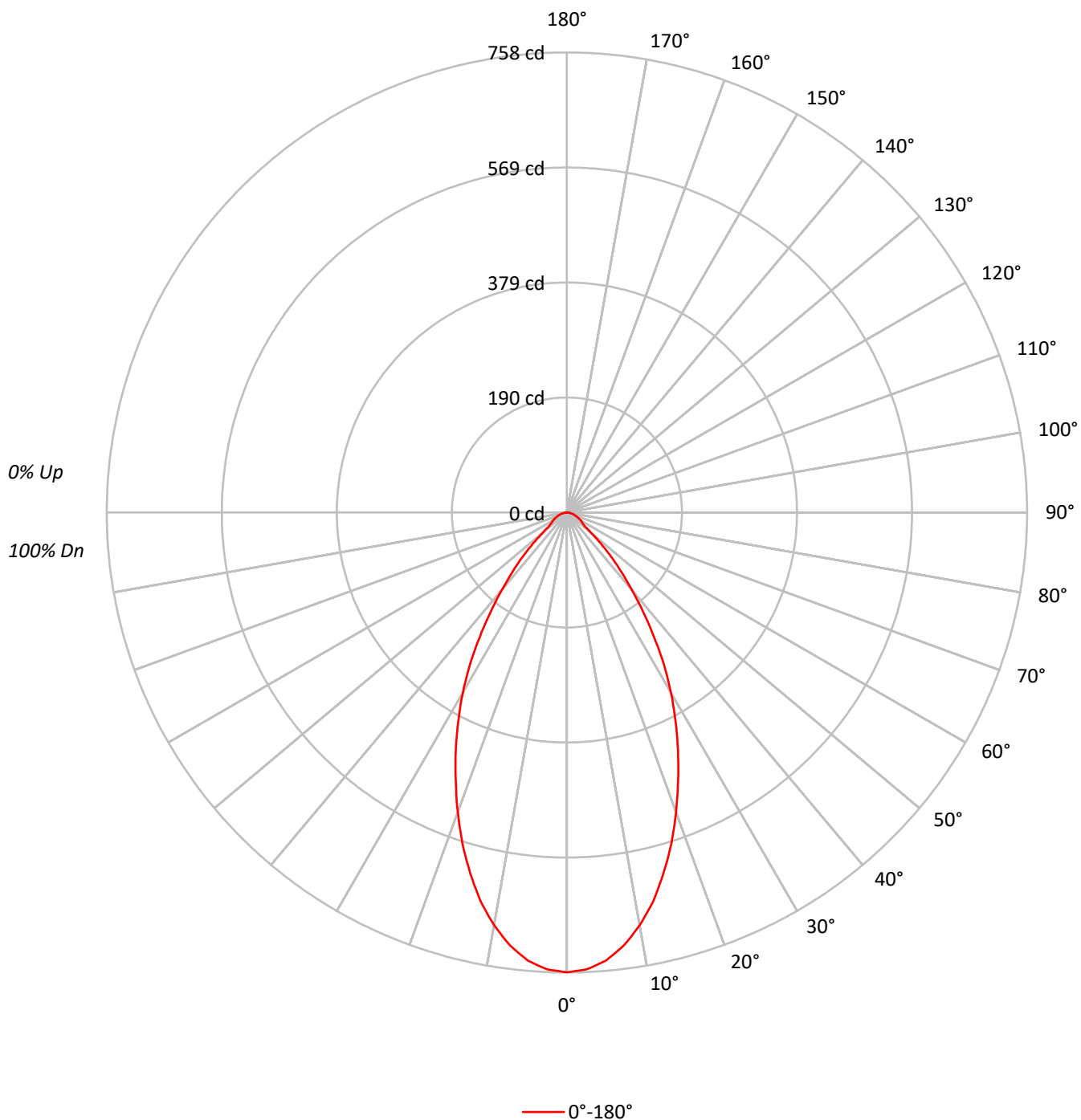
Lumens per Lamp: N/A
Luminaire Lumens: 740.1 lumens
Efficiency: N/A
Efficacy: 25.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166105
5°	163108
10°	153749
15°	139638
20°	122674
25°	104764
30°	86798
35°	66923
40°	47632
45°	32096
50°	17500
55°	12348
60°	11622
65°	10740
70°	9553
75°	9150
80°	7324
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32096 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.1	9.3
10°-20°	171.3	23.2
20°-30°	198.1	26.8
30°-40°	156.1	21.1
40°-50°	80.1	10.8
50°-60°	30.7	4.1
60°-70°	20.3	2.7
70°-80°	11.0	1.5
80°-90°	3.3	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°	438.6	59.3
0°-40°	594.7	80.4
0°-60°	705.5	95.3
0°-90°	740.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	740.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	758	
5°	741	69
15°	615	171
25°	433	198
35°	250	156
45°	104	80
55°	32	31
65°	21	20
75°	11	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	757.5
2.5°	753.4
5°	741.0
7.5°	719.5
10°	690.5
12.5°	656.5
15°	615.1
17.5°	572.1
20°	525.7
22.5°	478.5
25°	433.0
27.5°	387.5
30°	342.8
32.5°	297.2
35°	250.0
37.5°	206.2
40°	166.4
42.5°	132.5
45°	103.5
47.5°	75.3
50°	51.3
52.5°	37.3
55°	32.3
57.5°	29.0
60°	26.5
62.5°	23.2
65°	20.7
67.5°	17.4
70°	14.9
72.5°	12.4
75°	10.8
77.5°	8.3
80°	5.8
82.5°	5.0
85°	2.5
87.5°	1.7
90°	0.0

(END OF REPORT)