

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: P1270607

Luminaire Tested: P3AS20R409740D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270607
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: P3AS20R409740D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

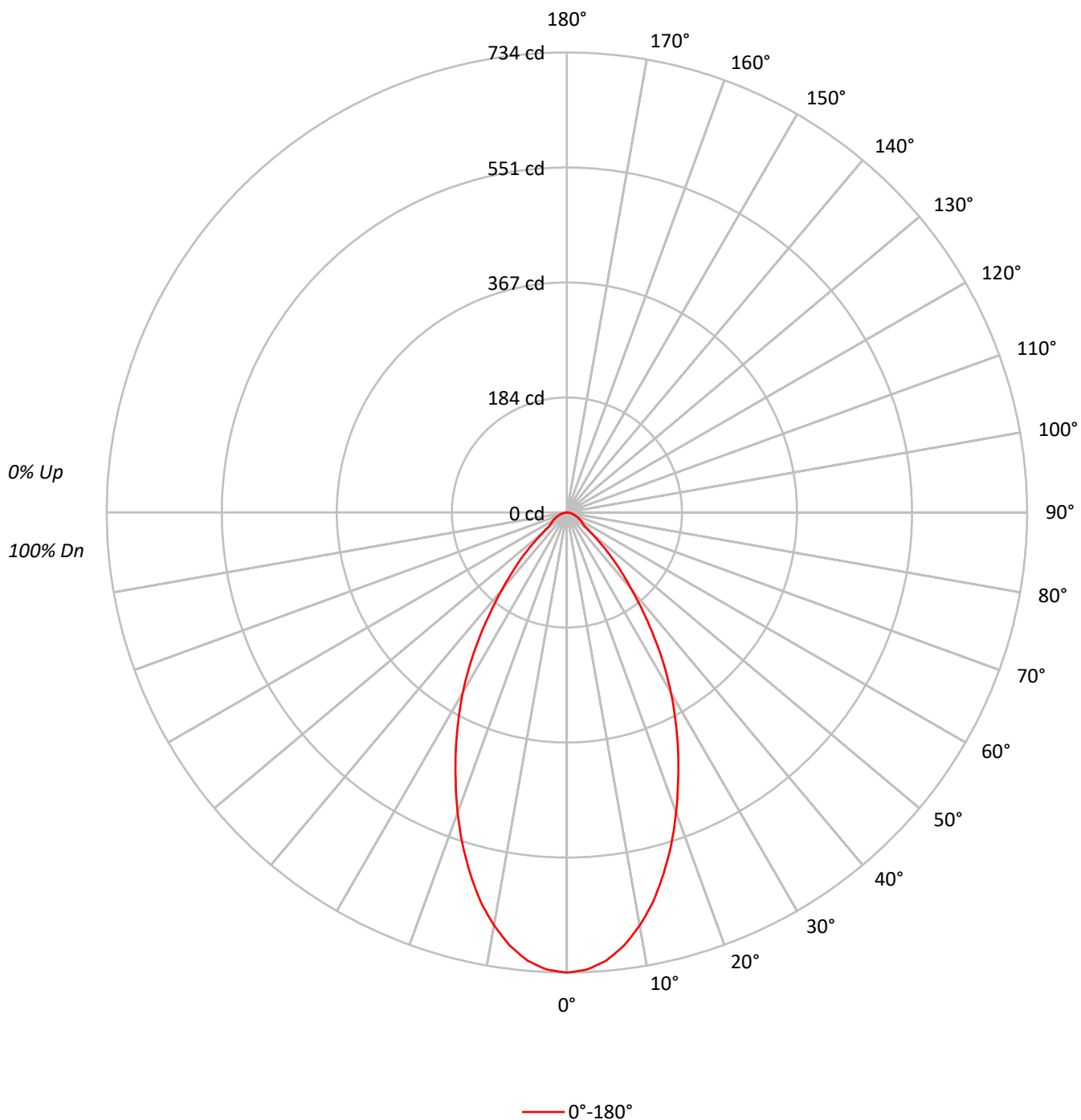
Lumens per Lamp: N/A
Luminaire Lumens: 717.0 lumens
Efficiency: N/A
Efficacy: 24.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	58	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°	160952
5°	158045
10°	148962
15°	135302
20°	118870
25°	101498
30°	84089
35°	64862
40°	46144
45°	31104
50°	16955
55°	11966
60°	11271
65°	10429
70°	9232
75°	8811
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31104 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.0	9.3
10°-20°	166.0	23.2
20°-30°	191.9	26.8
30°-40°	151.3	21.1
40°-50°	77.6	10.8
50°-60°	29.7	4.1
60°-70°	19.6	2.7
70°-80°	10.7	1.5
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°	424.9	59.3
0°-40°	576.2	80.4
0°-60°	683.5	95.3
0°-90°	717.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	717.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	734	
5°	718	67
15°	596	166
25°	420	192
35°	242	151
45°	100	78
55°	31	30
65°	20	20
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	734.0
2.5°	730.0
5°	718.0
7.5°	697.1
10°	669.0
12.5°	636.1
15°	596.0
17.5°	554.3
20°	509.4
22.5°	463.7
25°	419.5
27.5°	375.4
30°	332.1
32.5°	288.0
35°	242.3
37.5°	199.7
40°	161.2
42.5°	128.3
45°	100.3
47.5°	73.0
50°	49.7
52.5°	36.1
55°	31.3
57.5°	28.1
60°	25.7
62.5°	22.5
65°	20.1
67.5°	16.8
70°	14.4
72.5°	12.0
75°	10.4
77.5°	8.0
80°	5.6
82.5°	4.8
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)