

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: P1265849

Luminaire Tested: P3A20R409730D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265849
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: P3A20R409730D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

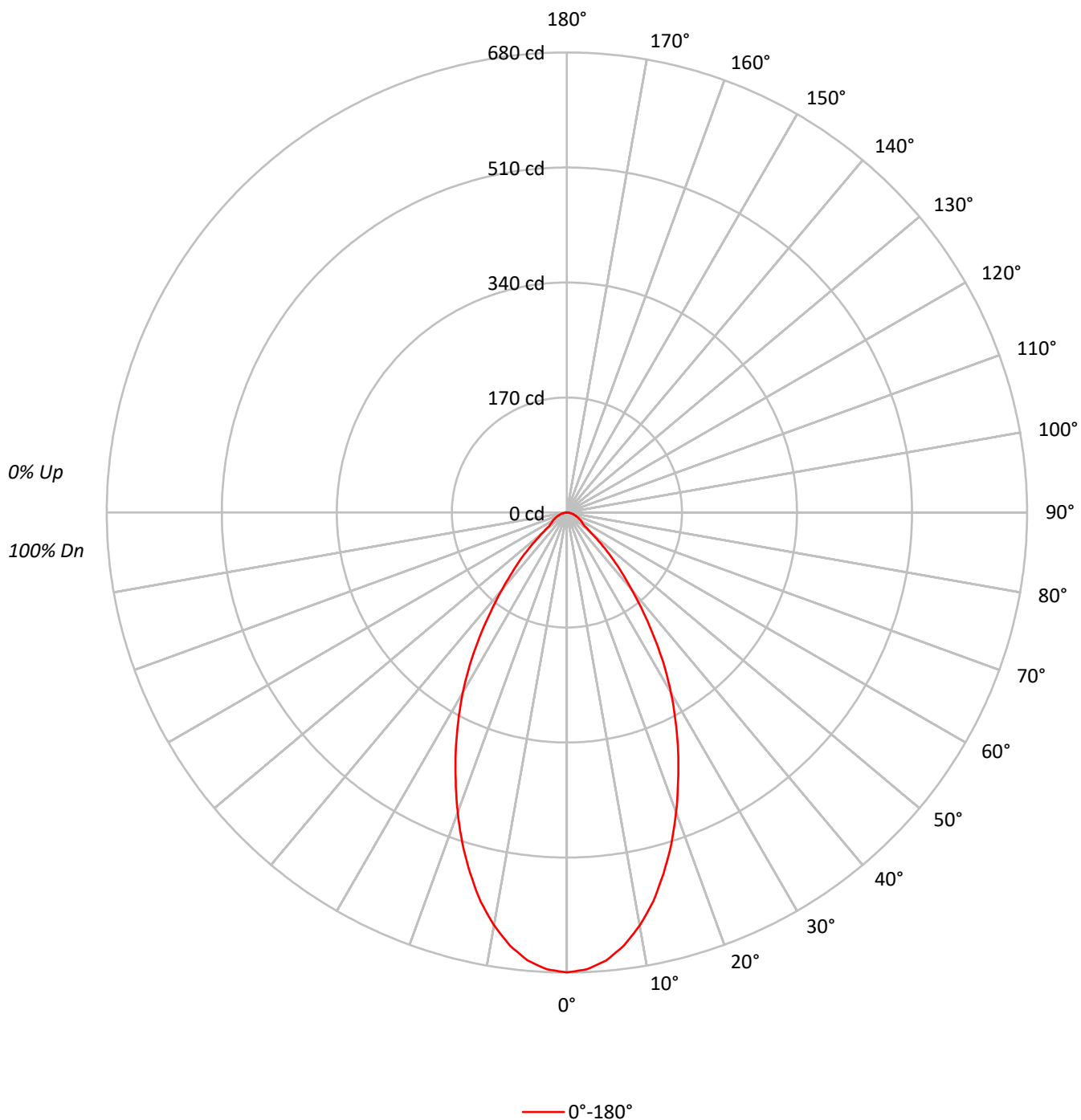
Lumens per Lamp: N/A
Luminaire Lumens: 664.1 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	149045
5°	146357
10°	137962
15°	125313
20°	110073
25°	93997
30°	77885
35°	60070
40°	42737
45°	28809
50°	15727
55°	11087
60°	10438
65°	9651
70°	8591
75°	8218
80°	6566
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28809 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	9.3
10°-20°	153.8	23.2
20°-30°	177.7	26.8
30°-40°	140.1	21.1
40°-50°	71.9	10.8
50°-60°	27.5	4.1
60°-70°	18.2	2.7
70°-80°	9.9	1.5
80°-90°	2.9	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°	393.5	59.3
0°-40°	533.6	80.4
0°-60°	633.0	95.3
0°-90°	664.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	664.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	680	
5°	665	62
15°	552	154
25°	388	178
35°	224	140
45°	93	72
55°	29	27
65°	19	18
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	679.7
2.5°	676.0
5°	664.9
7.5°	645.6
10°	619.6
12.5°	589.1
15°	552.0
17.5°	513.3
20°	471.7
22.5°	429.4
25°	388.5
27.5°	347.7
30°	307.6
32.5°	266.7
35°	224.4
37.5°	185.0
40°	149.3
42.5°	118.9
45°	92.9
47.5°	67.6
50°	46.1
52.5°	33.4
55°	29.0
57.5°	26.0
60°	23.8
62.5°	20.8
65°	18.6
67.5°	15.6
70°	13.4
72.5°	11.1
75°	9.7
77.5°	7.4
80°	5.2
82.5°	4.5
85°	2.2
87.5°	1.5
90°	0.0

(END OF REPORT)