

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: P1268684

Luminaire Tested: P3A02R409740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268684
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: P3A02R409740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

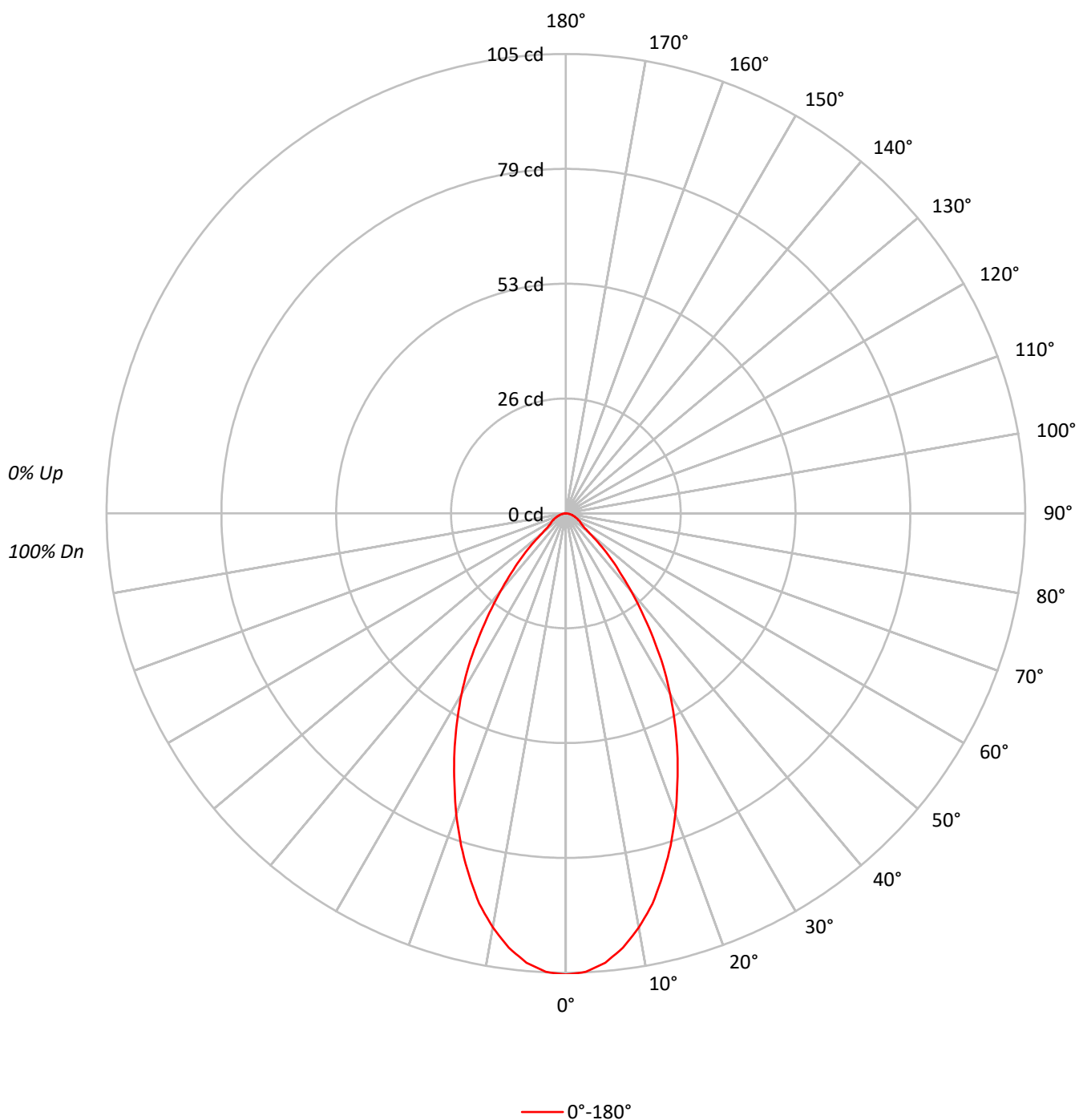
Lumens per Lamp: N/A
Luminaire Lumens: 103.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1268684

CATALOG NUMBER: P3A02R409740DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1268684

CATALOG NUMBER: P3A02R409740DE010 E3DLD1GPH

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	58	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23112
5°	22694
10°	21398
15°	19433
20°	17081
25°	14590
30°	12078
35°	9316
40°	6641
45°	4466
50°	2422
55°	1720
60°	1623
65°	1505
70°	1346
75°	1271
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4466 cd/sqm

TEST NUMBER: P1268684

CATALOG NUMBER: P3A02R409740DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.6	9.3
10°-20°	23.8	23.2
20°-30°	27.6	26.8
30°-40°	21.7	21.1
40°-50°	11.1	10.8
50°-60°	4.3	4.1
60°-70°	2.8	2.7
70°-80°	1.5	1.5
80°-90°	0.4	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°	61.0	59.3
0°-40°	82.8	80.4
0°-60°	98.2	95.3
0°-90°	103.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	103.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	105	
5°	103	10
15°	86	24
25°	60	28
35°	35	22
45°	14	11
55°	4	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1268684

CATALOG NUMBER: P3A02R409740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	105.4
2.5°	104.9
5°	103.1
7.5°	100.1
10°	96.1
12.5°	91.4
15°	85.6
17.5°	79.6
20°	73.2
22.5°	66.6
25°	60.3
27.5°	53.9
30°	47.7
32.5°	41.4
35°	34.8
37.5°	28.7
40°	23.2
42.5°	18.4
45°	14.4
47.5°	10.5
50°	7.1
52.5°	5.2
55°	4.5
57.5°	4.0
60°	3.7
62.5°	3.2
65°	2.9
67.5°	2.4
70°	2.1
72.5°	1.7
75°	1.5
77.5°	1.2
80°	0.8
82.5°	0.7
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)