

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: P1272899

Luminaire Tested: P3A02R159830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272899
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R159830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

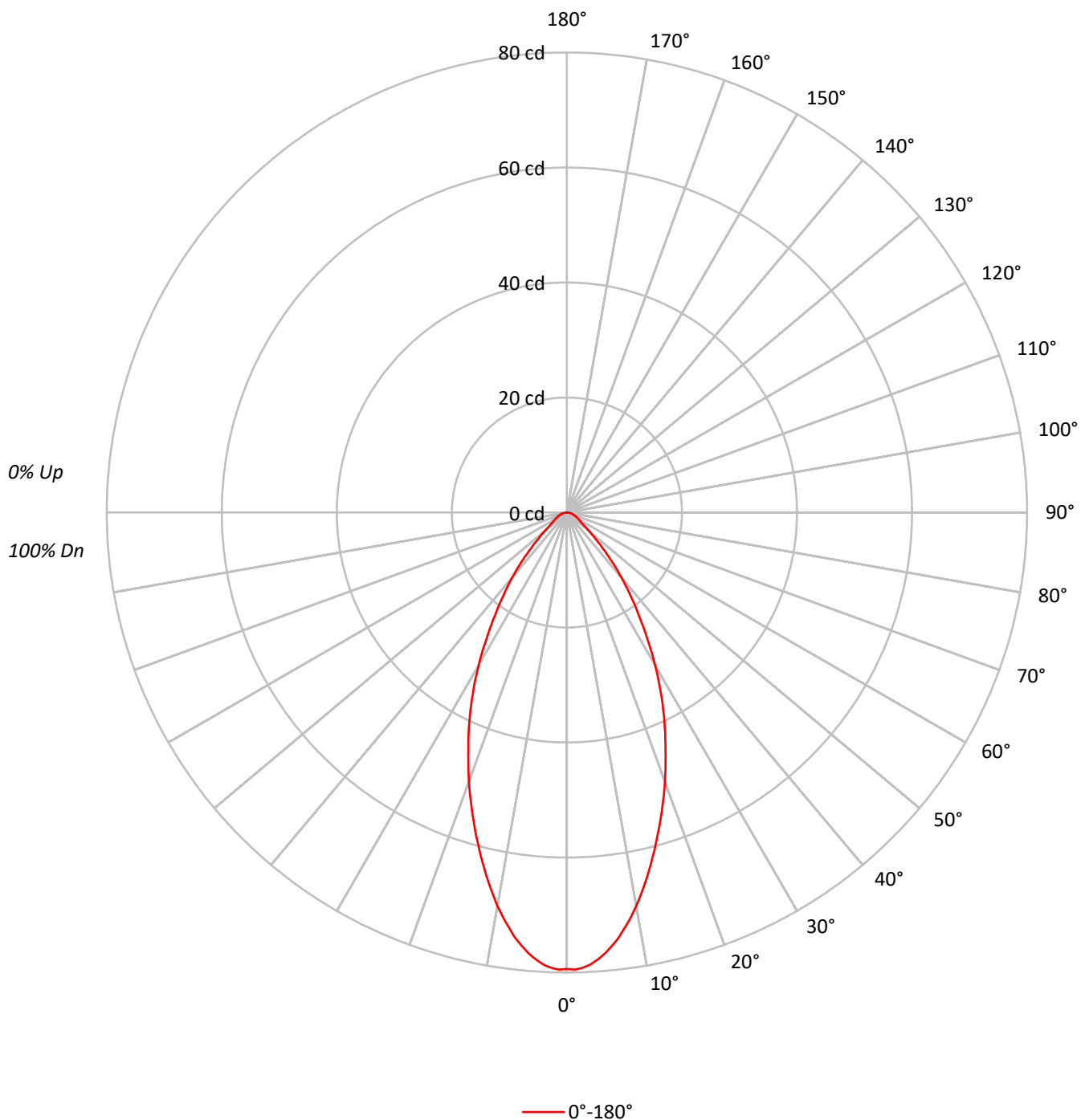
Lumens per Lamp: N/A
Luminaire Lumens: 69.0 lumens
Efficiency: N/A
Efficacy: 19.2 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1272899

CATALOG NUMBER: P3A02R159830DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1272899

CATALOG NUMBER: P3A02R159830DE010 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		73
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	47	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	17411
5°	16927
10°	15475
15°	13553
20°	11621
25°	9702
30°	7773
35°	5836
40°	4237
45°	2760
50°	1740
55°	1185
60°	1053
65°	934
70°	898
75°	847
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2760 cd/sqm

TEST NUMBER: P1272899

CATALOG NUMBER: P3A02R159830DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	10.3
10°-20°	16.6	24.1
20°-30°	18.3	26.5
30°-40°	13.7	19.9
40°-50°	7.1	10.3
50°-60°	3.0	4.3
60°-70°	1.8	2.7
70°-80°	1.0	1.5
80°-90°	0.3	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°	42.1	60.9
0°-40°	55.8	80.8
0°-60°	65.9	95.4
0°-90°	69.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	69.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	79	
5°	77	7
15°	60	17
25°	40	18
35°	22	14
45°	9	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1272899

CATALOG NUMBER: P3A02R159830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	79.4
1°	79.5
2°	79.2
3°	78.7
4°	77.9
5°	76.9
6°	75.7
7°	74.4
8°	72.8
9°	71.2
10°	69.5
12.5°	64.7
15°	59.7
17.5°	54.7
20°	49.8
22.5°	44.8
25°	40.1
27.5°	35.4
30°	30.7
32.5°	26.0
35°	21.8
37.5°	18.1
40°	14.8
42.5°	11.7
45°	8.9
47.5°	6.7
50°	5.1
52.5°	3.8
55°	3.1
57.5°	2.7
60°	2.4
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.4
72.5°	1.1
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)