

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: P1273017

Luminaire Tested: P3AS02R359830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273017
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

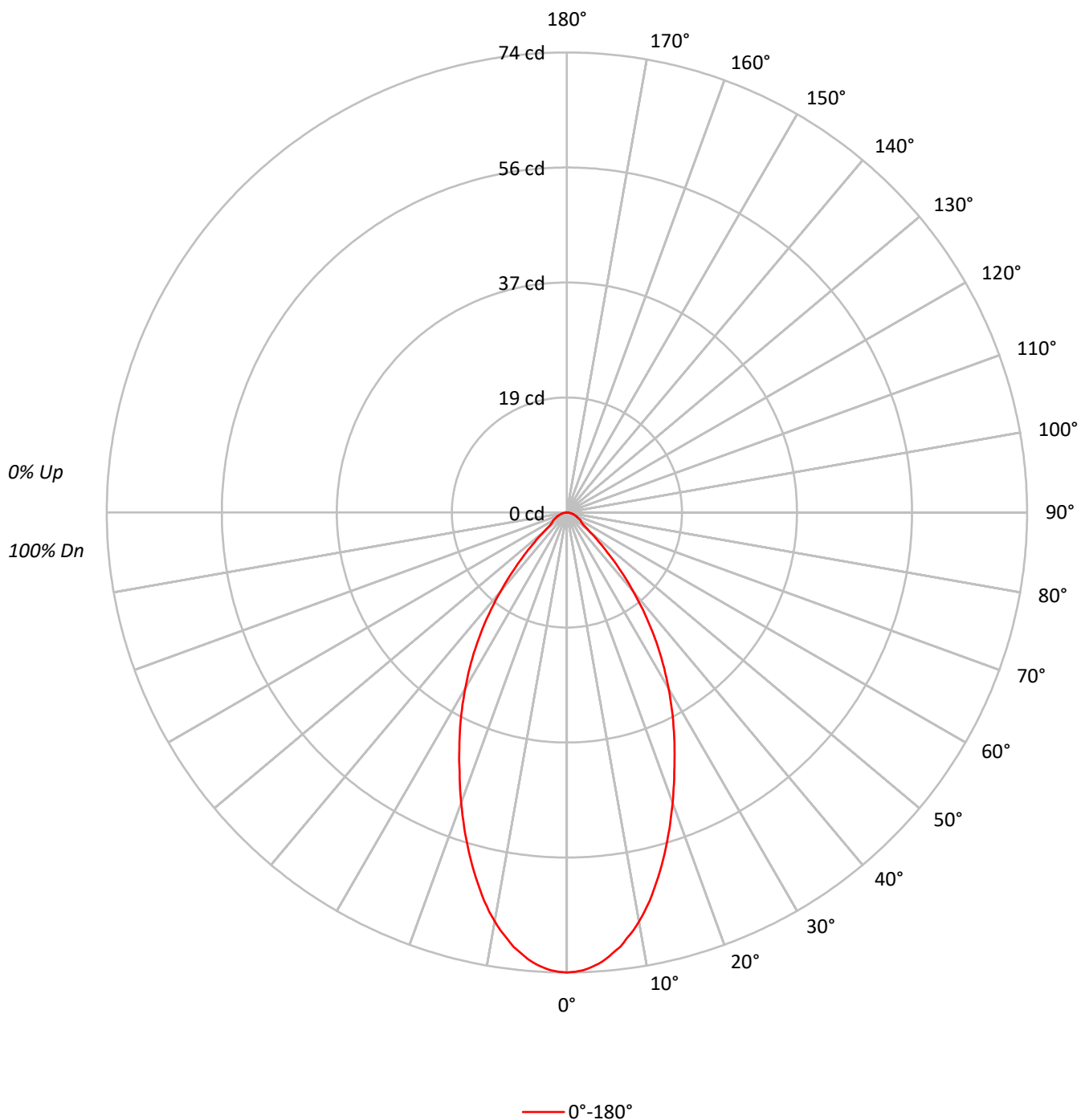
Lumens per Lamp: N/A
Luminaire Lumens: 71.0 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273017

CATALOG NUMBER: P3AS02R359830DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1273017

CATALOG NUMBER: P3AS02R359830DE010 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	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°	16227
5°	15871
10°	14874
15°	13349
20°	11598
25°	9896
30°	8280
35°	6612
40°	4780
45°	3008
50°	1637
55°	1147
60°	1096
65°	986
70°	962
75°	847
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3008 cd/sqm

TEST NUMBER: P1273017

CATALOG NUMBER: P3AS02R359830DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.7	9.5
10°-20°	16.4	23.0
20°-30°	18.7	26.4
30°-40°	15.3	21.5
40°-50°	7.7	10.8
50°-60°	2.9	4.0
60°-70°	1.9	2.7
70°-80°	1.1	1.5
80°-90°	0.3	0.5
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°	41.8	58.9
0°-40°	57.1	80.4
0°-60°	67.7	95.3
0°-90°	71.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	71.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	74	
5°	72	7
15°	59	16
25°	41	19
35°	25	15
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1273017

CATALOG NUMBER: P3AS02R359830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	74.0
1°	73.9
2°	73.7
3°	73.3
4°	72.8
5°	72.1
6°	71.2
7°	70.4
8°	69.2
9°	68.1
10°	66.8
11°	65.4
12°	63.9
13°	62.2
14°	60.5
15°	58.8
17.5°	54.3
20°	49.7
22.5°	45.1
25°	40.9
27.5°	36.8
30°	32.7
32.5°	28.7
35°	24.7
37.5°	20.6
40°	16.7
42.5°	13.0
45°	9.7
47.5°	7.0
50°	4.8
52.5°	3.5
55°	3.0
57.5°	2.7
60°	2.5
62.5°	2.2
65°	1.9
67.5°	1.7
70°	1.5
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.3
87.5°	0.2



TEST NUMBER: P1273017
CATALOG NUMBER: P3AS02R359830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)