

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: P1275034

Luminaire Tested: P3AS02R259835DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275034
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259835DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

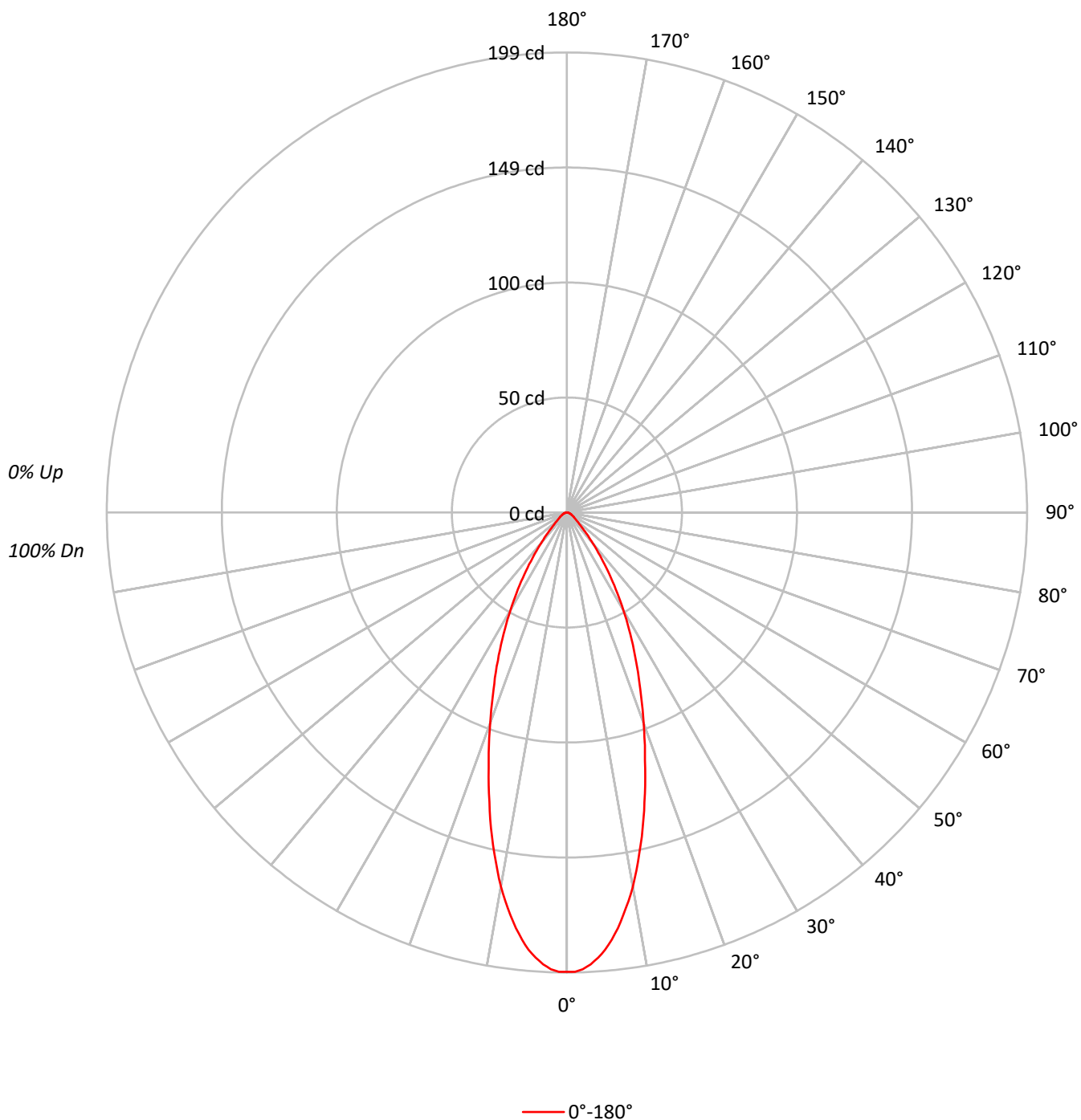
Lumens per Lamp: N/A
Luminaire Lumens: 120.0 lumens
Efficiency: N/A
Efficacy: 33.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275034

CATALOG NUMBER: P3AS02R259835DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1275034

CATALOG NUMBER: P3AS02R259835DE010 E3DLP1H

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	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	43571
5°	41800
10°	36606
15°	29421
20°	22612
25°	17106
30°	12356
35°	8218
40°	4981
45°	2915
50°	1842
55°	1491
60°	1316
65°	1141
70°	962
75°	932
80°	758
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2915 cd/sqm

TEST NUMBER: P1275034

CATALOG NUMBER: P3AS02R259835DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	14.4
10°-20°	35.8	29.9
20°-30°	32.4	27.0
30°-40°	19.5	16.2
40°-50°	7.7	6.4
50°-60°	3.6	3.0
60°-70°	2.2	1.8
70°-80°	1.1	1.0
80°-90°	0.4	0.3
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°	85.5	71.3
0°-40°	105.0	87.5
0°-60°	116.3	96.9
0°-90°	120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	120.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	199	
5°	190	17
15°	130	36
25°	71	32
35°	31	19
45°	9	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1275034

CATALOG NUMBER: P3AS02R259835DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	198.7
1°	198.7
2°	197.7
3°	195.7
4°	193.1
5°	189.9
6°	185.8
7°	181.1
8°	175.7
9°	170.2
10°	164.4
11°	157.7
12°	150.8
13°	143.9
14°	136.9
15°	129.6
17.5°	112.4
20°	96.9
22.5°	82.9
25°	70.7
27.5°	59.3
30°	48.8
32.5°	39.3
35°	30.7
37.5°	23.4
40°	17.4
42.5°	12.7
45°	9.4
47.5°	7.1
50°	5.4
52.5°	4.5
55°	3.9
57.5°	3.4
60°	3.0
62.5°	2.4
65°	2.2
67.5°	1.9
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.6
82.5°	0.4
85°	0.4
87.5°	0.2



TEST NUMBER: P1275034
CATALOG NUMBER: P3AS02R259835DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)