

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: P1275094

Luminaire Tested: P3AS02R359835DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275094
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359835DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

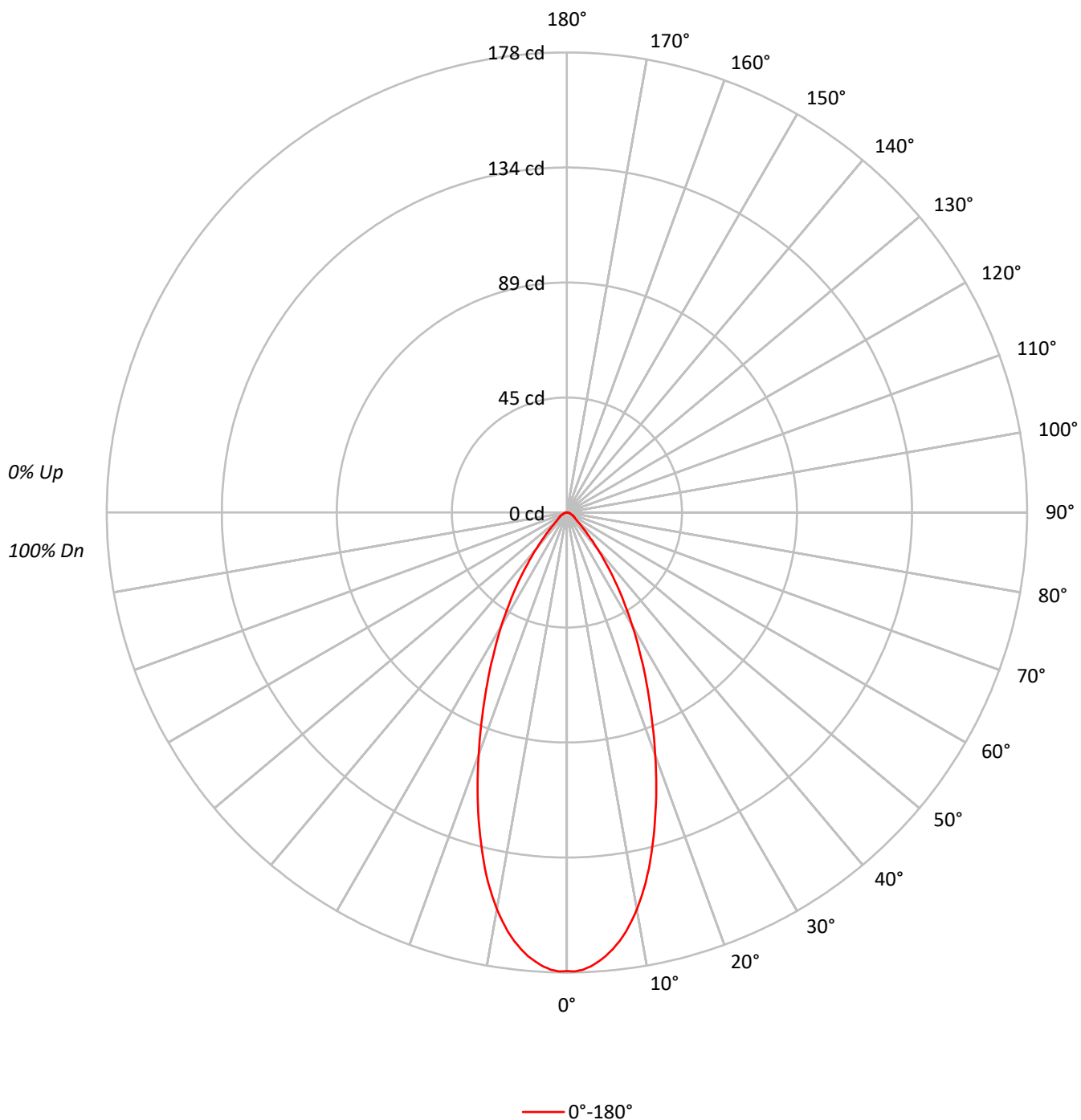
Lumens per Lamp: N/A
Luminaire Lumens: 121.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275094

CATALOG NUMBER: P3AS02R359835DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1275094

CATALOG NUMBER: P3AS02R359835DE010 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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38900
5°	37926
10°	34691
15°	29444
20°	23312
25°	17614
30°	12837
35°	8673
40°	5324
45°	3070
50°	1842
55°	1491
60°	1316
65°	1141
70°	962
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3070 cd/sqm

TEST NUMBER: P1275094

CATALOG NUMBER: P3AS02R359835DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.9	13.2
10°-20°	35.8	29.5
20°-30°	33.4	27.6
30°-40°	20.5	16.9
40°-50°	8.1	6.7
50°-60°	3.6	2.9
60°-70°	2.2	1.8
70°-80°	1.2	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°	85.1	70.3
0°-40°	105.6	87.2
0°-60°	117.2	96.9
0°-90°	121.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	121.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	177	
5°	172	16
15°	130	36
25°	73	33
35°	32	20
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1275094

CATALOG NUMBER: P3AS02R359835DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	177.4
1°	177.6
2°	177.0
3°	175.9
4°	174.2
5°	172.3
6°	169.9
7°	167.1
8°	163.8
9°	160.0
10°	155.8
11°	151.3
12°	146.4
13°	141.2
14°	135.4
15°	129.7
17.5°	114.8
20°	99.9
22.5°	85.5
25°	72.8
27.5°	61.1
30°	50.7
32.5°	41.0
35°	32.4
37.5°	24.8
40°	18.6
42.5°	13.4
45°	9.9
47.5°	7.1
50°	5.4
52.5°	4.5
55°	3.9
57.5°	3.4
60°	3.0
62.5°	2.6
65°	2.2
67.5°	1.9
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.6
85°	0.4
87.5°	0.2



TEST NUMBER: P1275094
CATALOG NUMBER: P3AS02R359835DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)