

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: P1275092

Luminaire Tested: P3AS02R359835DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275092
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: P3AS02R359835DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

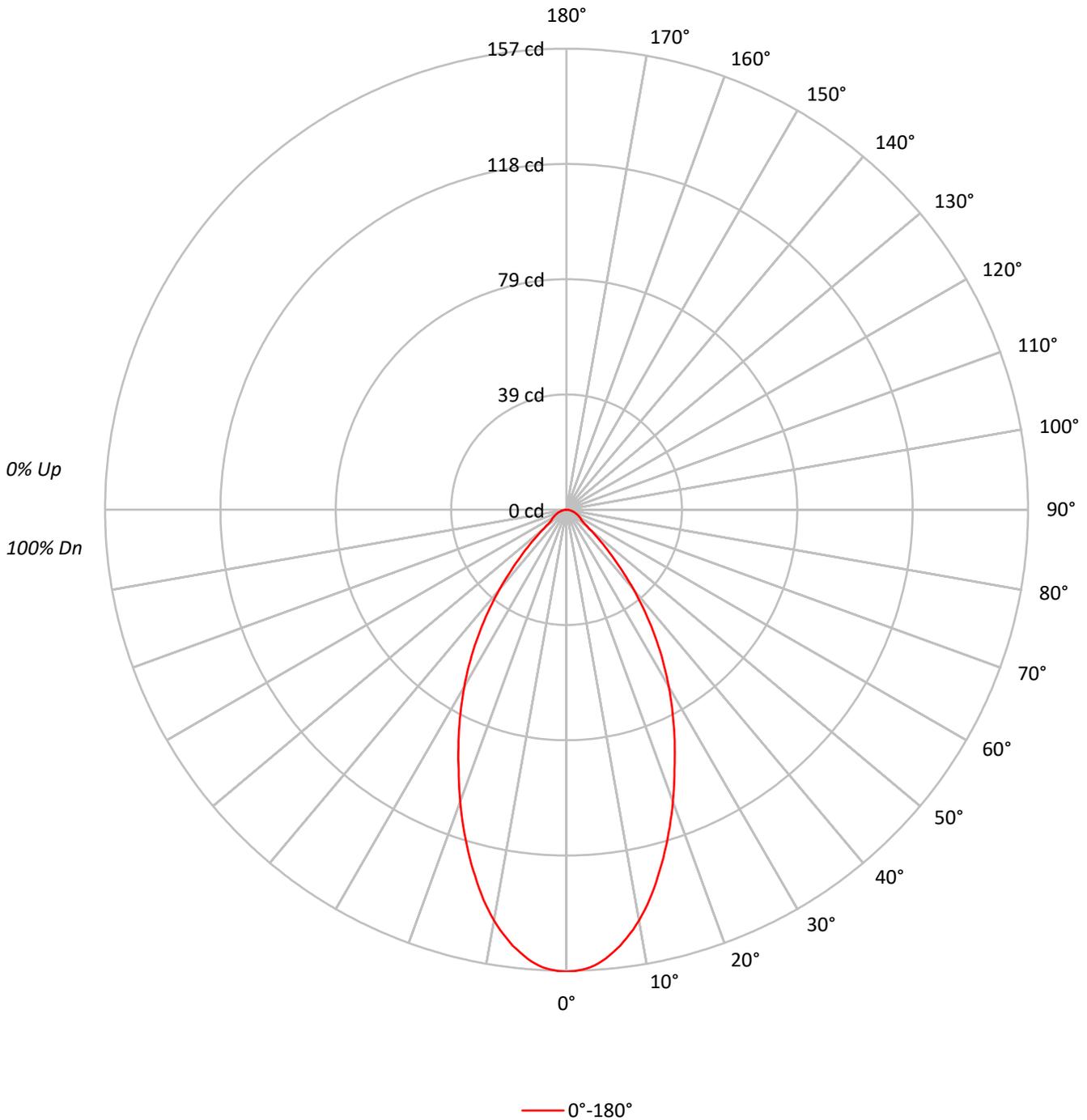
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 151.0 lumens
Efficiency: N/A
Efficacy: 42.0 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 (A_{in}): 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: P1275092
CATALOG NUMBER: P3AS02R359835DE010 E3DLD1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1275092

CATALOG NUMBER: P3AS02R359835DE010 E3DLD1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34493
5°	33766
10°	31618
15°	28377
20°	24689
25°	21050
30°	17623
35°	14027
40°	10162
45°	6419
50°	3514
55°	2409
60°	2281
65°	2127
70°	2052
75°	1779
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6419 cd/sqm



TEST NUMBER: P1275092

CATALOG NUMBER: P3AS02R359835DE010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.3	9.5
10°-20°	34.8	23.0
20°-30°	39.9	26.4
30°-40°	32.5	21.5
40°-50°	16.4	10.9
50°-60°	6.1	4.0
60°-70°	4.1	2.7
70°-80°	2.3	1.5
80°-90°	0.7	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°	88.9	58.9
0°-40°	121.5	80.4
0°-60°	144.0	95.3
0°-90°	151.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	151.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	157	
5°	153	14
15°	125	35
25°	87	40
35°	52	33
45°	21	16
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1275092
CATALOG NUMBER: P3AS02R359835DE010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	157.3
1°	157.1
2°	156.7
3°	156.0
4°	154.9
5°	153.4
6°	151.5
7°	149.6
8°	147.2
9°	144.8
10°	142.0
11°	139.0
12°	135.8
13°	132.3
14°	128.6
15°	125.0
17.5°	115.5
20°	105.8
22.5°	95.9
25°	87.0
27.5°	78.2
30°	69.6
32.5°	61.0
35°	52.4
37.5°	43.9
40°	35.5
42.5°	27.6
45°	20.7
47.5°	14.9
50°	10.3
52.5°	7.5
55°	6.3
57.5°	5.8
60°	5.2
62.5°	4.7
65°	4.1
67.5°	3.5
70°	3.2
72.5°	2.6
75°	2.1
77.5°	1.7
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.4



TEST NUMBER: P1275092
CATALOG NUMBER: P3AS02R359835DE010 E3DLD1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)