

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: P1253515

Luminaire Tested: P3AS02R359035DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253515
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: P3AS02R359035DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

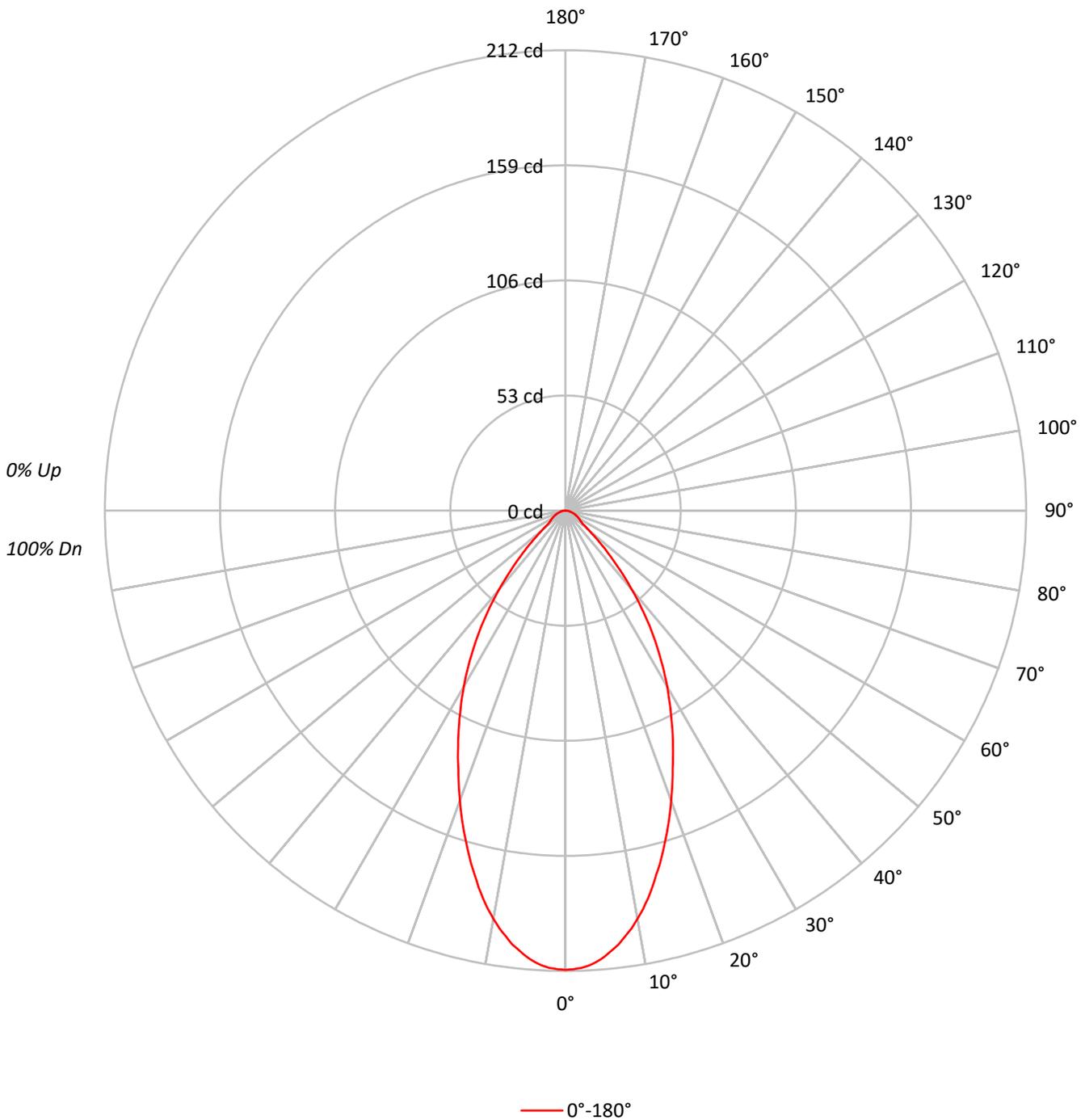
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 203.1 lumens
Efficiency: N/A
Efficacy: 56.4 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: P1253515
CATALOG NUMBER: P3AS02R359035DE010 E3DLD1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1253515
 CATALOG NUMBER: P3AS02R359035DE010 E3DLD1WH

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			
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	60	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46378
5°	45388
10°	42506
15°	38161
20°	33183
25°	28284
30°	23700
35°	18872
40°	13654
45°	8621
50°	4708
55°	3250
60°	3070
65°	2854
70°	2757
75°	2372
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8621 cd/sqm



TEST NUMBER: P1253515
 CATALOG NUMBER: P3AS02R359035DE010 E3DLD1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	9.4
10°-20°	46.8	23.0
20°-30°	53.6	26.4
30°-40°	43.7	21.5
40°-50°	22.1	10.9
50°-60°	8.2	4.0
60°-70°	5.5	2.7
70°-80°	3.1	1.5
80°-90°	1.0	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°	119.6	58.9
0°-40°	163.3	80.4
0°-60°	193.5	95.3
0°-90°	203.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	203.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	206	19
15°	168	47
25°	117	54
35°	70	44
45°	28	22
55°	8	8
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1253515
CATALOG NUMBER: P3AS02R359035DE010 E3DLD1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	211.5
1°	211.2
2°	210.7
3°	209.7
4°	208.2
5°	206.2
6°	203.7
7°	201.2
8°	197.9
9°	194.7
10°	190.9
11°	186.9
12°	182.6
13°	177.9
14°	172.8
15°	168.1
17.5°	155.3
20°	142.2
22.5°	128.9
25°	116.9
27.5°	105.1
30°	93.6
32.5°	82.0
35°	70.5
37.5°	59.0
40°	47.7
42.5°	37.1
45°	27.8
47.5°	20.1
50°	13.8
52.5°	10.0
55°	8.5
57.5°	7.8
60°	7.0
62.5°	6.3
65°	5.5
67.5°	4.8
70°	4.3
72.5°	3.5
75°	2.8
77.5°	2.3
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.5



TEST NUMBER: P1253515
CATALOG NUMBER: P3AS02R359035DE010 E3DLD1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)