

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: P1253890

Luminaire Tested: P3AS05R309035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253890
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

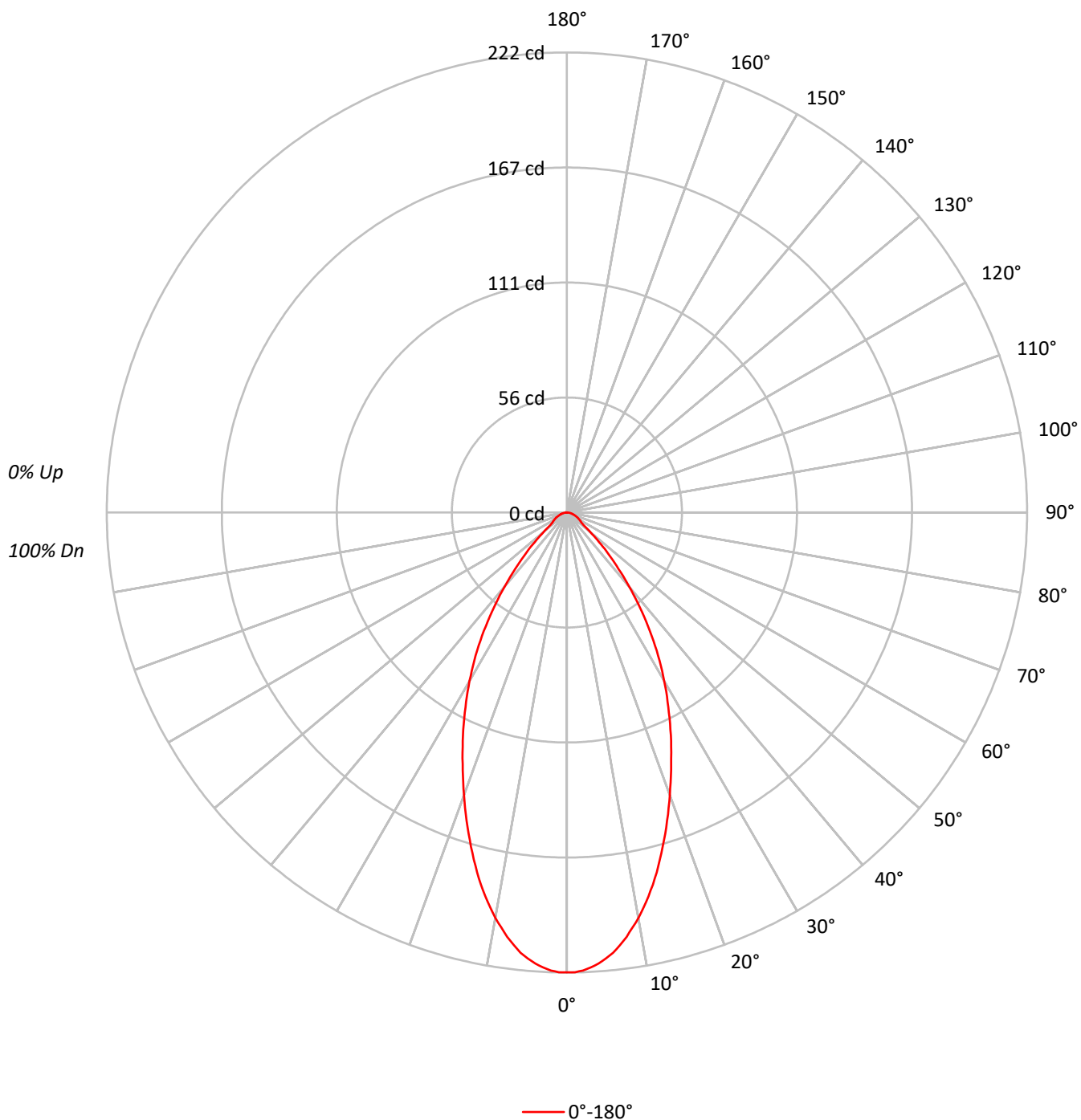
Lumens per Lamp: N/A
Luminaire Lumens: 206.1 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1253890

CATALOG NUMBER: P3AS05R309035DE010 E3DLD1GPH

Luminous Intensity Polar Plot



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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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48658
5°	47568
10°	44243
15°	39365
20°	33860
25°	28695
30°	23801
35°	18685
40°	13397
45°	8776
50°	5015
55°	3288
60°	3114
65°	2906
70°	2565
75°	2372
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8776 cd/sqm

TEST NUMBER: P1253890

CATALOG NUMBER: P3AS05R309035DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.1	9.7
10°-20°	48.2	23.4
20°-30°	54.3	26.4
30°-40°	43.4	21.1
40°-50°	22.3	10.8
50°-60°	8.4	4.1
60°-70°	5.5	2.7
70°-80°	3.0	1.4
80°-90°	0.9	0.4
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°	122.6	59.5
0°-40°	166.0	80.5
0°-60°	196.7	95.4
0°-90°	206.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	222	
5°	216	20
15°	173	48
25°	119	54
35°	70	43
45°	28	22
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1253890

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CANDELA DISTRIBUTION (FULL):

0°	
0°	221.9
1°	221.9
2°	221.2
3°	219.9
4°	218.2
5°	216.1
6°	213.6
7°	210.3
8°	206.8
9°	202.7
10°	198.7
11°	194.1
12°	189.3
13°	184.3
14°	179.0
15°	173.4
17.5°	159.3
20°	145.1
22.5°	131.4
25°	118.6
27.5°	105.9
30°	94.0
32.5°	81.9
35°	69.8
37.5°	57.9
40°	46.8
42.5°	36.9
45°	28.3
47.5°	21.0
50°	14.7
52.5°	10.4
55°	8.6
57.5°	7.8
60°	7.1
62.5°	6.3
65°	5.6
67.5°	4.8
70°	4.0
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3



TEST NUMBER: P1253890
CATALOG NUMBER: P3AS05R309035DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)