

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: P1264278

Luminaire Tested: P3A05R309730DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264278
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: P3A05R309730DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

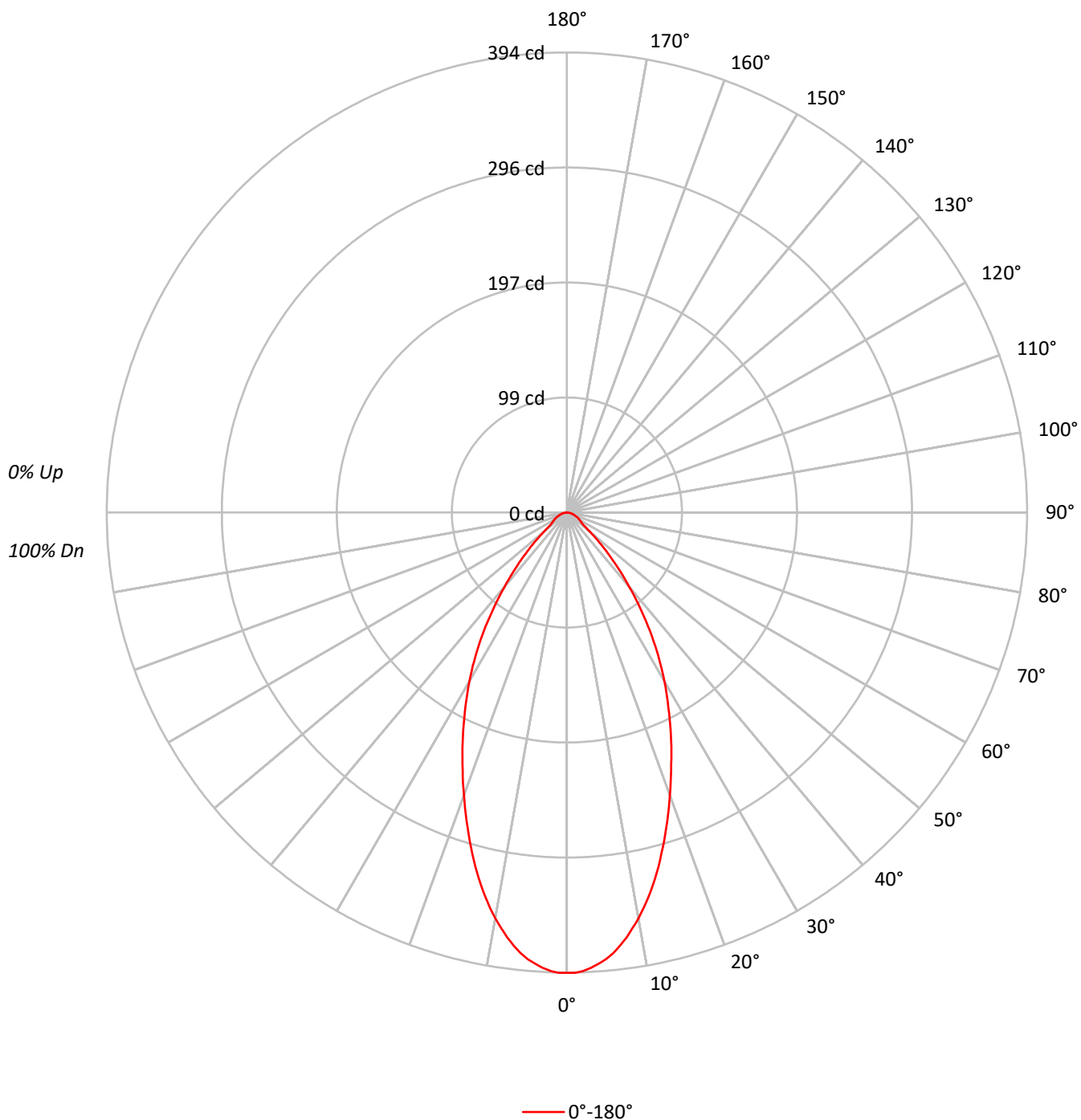
Lumens per Lamp: N/A
Luminaire Lumens: 365.9 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264278

CATALOG NUMBER: P3A05R309730DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1264278

CATALOG NUMBER: P3A05R309730DE010 E3DLD1H

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	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		84
4	94	86	79	75	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	77	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°	86462
5°	84525
10°	78600
15°	69944
20°	60159
25°	50955
30°	42310
35°	33194
40°	23787
45°	15599
50°	8870
55°	5849
60°	5526
65°	5137
70°	4616
75°	4151
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15599 cd/sqm

TEST NUMBER: P1264278

CATALOG NUMBER: P3A05R309730DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.6	9.7
10°-20°	85.6	23.4
20°-30°	96.5	26.4
30°-40°	77.1	21.1
40°-50°	39.6	10.8
50°-60°	14.9	4.1
60°-70°	9.8	2.7
70°-80°	5.2	1.4
80°-90°	1.5	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°	217.8	59.5
0°-40°	294.9	80.6
0°-60°	349.4	95.5
0°-90°	365.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	365.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	394	
5°	384	36
15°	308	86
25°	211	97
35°	124	77
45°	50	40
55°	15	15
65°	10	10
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1264278

CATALOG NUMBER: P3A05R309730DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	394.3
1°	394.3
2°	393.0
3°	390.7
4°	387.6
5°	384.0
6°	379.5
7°	373.7
8°	367.4
9°	360.2
10°	353.0
11°	344.9
12°	336.4
13°	327.4
14°	318.0
15°	308.1
17.5°	282.9
20°	257.8
22.5°	233.5
25°	210.6
27.5°	188.2
30°	167.1
32.5°	145.5
35°	124.0
37.5°	102.8
40°	83.1
42.5°	65.6
45°	50.3
47.5°	37.3
50°	26.0
52.5°	18.4
55°	15.3
57.5°	13.9
60°	12.6
62.5°	11.2
65°	9.9
67.5°	8.5
70°	7.2
72.5°	5.8
75°	4.9
77.5°	4.0
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.4



TEST NUMBER: P1264278

CATALOG NUMBER: P3A05R309730DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)