

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: P1273329

Luminaire Tested: P3A05R309830DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273329
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309830DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

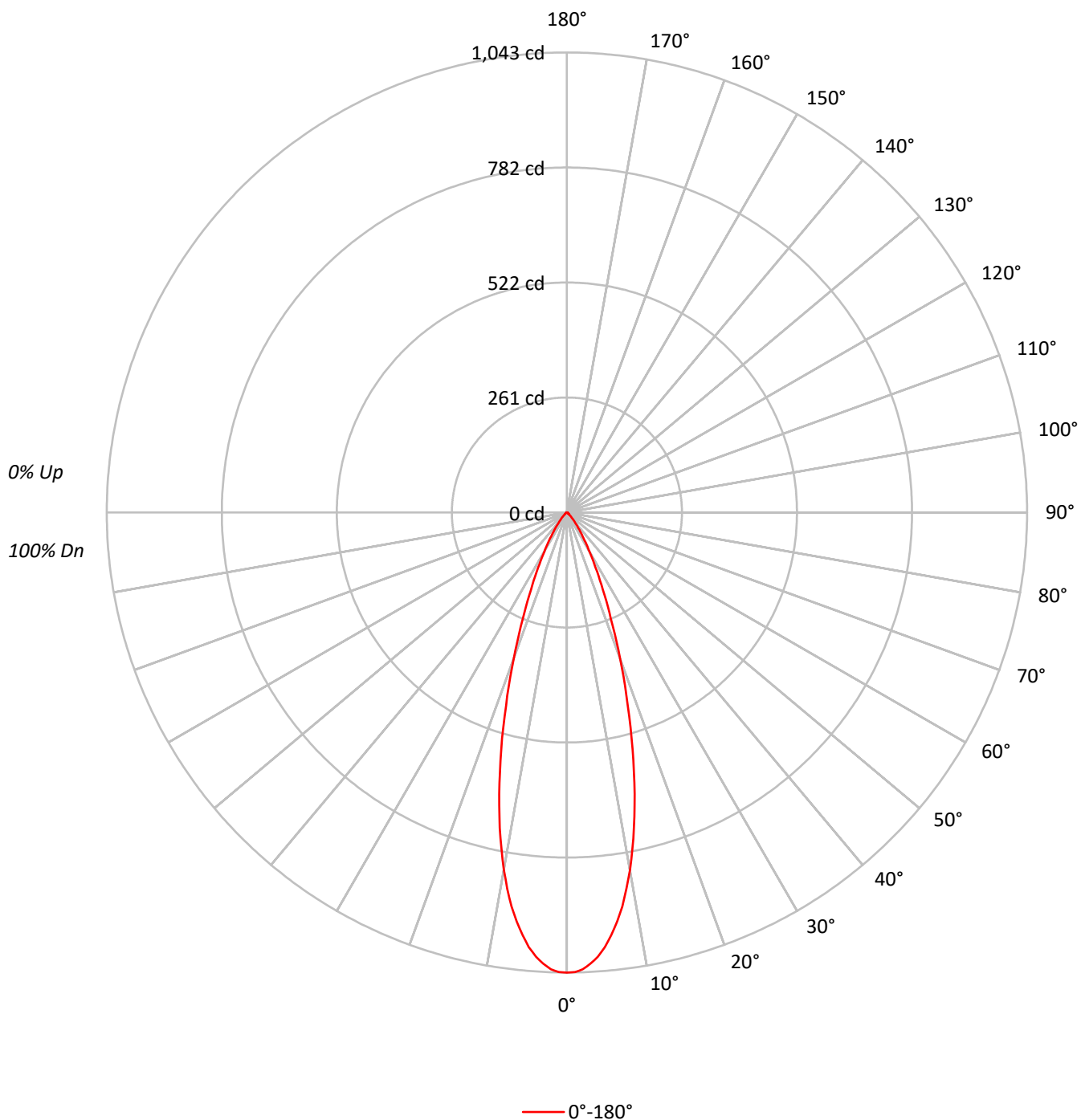
Lumens per Lamp: N/A
Luminaire Lumens: 392.0 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273329

CATALOG NUMBER: P3A05R309830DE010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1273329

CATALOG NUMBER: P3A05R309830DE010 E3DL1H

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	228754
5°	217719
10°	183141
15°	132078
20°	81930
25°	46599
30°	25877
35°	14081
40°	7414
45°	4031
50°	2149
55°	1415
60°	1316
65°	1349
70°	1218
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4031 cd/sqm

TEST NUMBER: P1273329

CATALOG NUMBER: P3A05R309830DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.1	22.7
10°-20°	158.3	40.4
20°-30°	91.5	23.3
30°-40°	34.7	8.9
40°-50°	10.7	2.7
50°-60°	3.6	0.9
60°-70°	2.4	0.6
70°-80°	1.3	0.3
80°-90°	0.4	0.1
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°	338.9	86.4
0°-40°	373.6	95.3
0°-60°	387.9	98.9
0°-90°	392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	392.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1043	
5°	989	89
15°	582	158
25°	193	92
35°	53	35
45°	13	11
55°	4	4
65°	3	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1273329

CATALOG NUMBER: P3A05R309830DE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1043.2
1°	1042.4
2°	1036.1
3°	1024.3
4°	1009.5
5°	989.1
6°	963.2
7°	934.3
8°	902.1
9°	863.6
10°	822.5
11°	778.0
12°	731.0
13°	681.7
14°	631.7
15°	581.8
17.5°	458.8
20°	351.1
22.5°	260.3
25°	192.6
27.5°	140.0
30°	102.2
32.5°	73.7
35°	52.6
37.5°	36.7
40°	25.9
42.5°	18.1
45°	13.0
47.5°	8.9
50°	6.3
52.5°	4.4
55°	3.7
57.5°	3.3
60°	3.0
62.5°	2.6
65°	2.6
67.5°	2.2
70°	1.9
72.5°	1.5
75°	1.1
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.0



TEST NUMBER: P1273329

CATALOG NUMBER: P3A05R309830DE010 E3DL1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)