

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: P1269029

Luminaire Tested: P3A05R309740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269029
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: P3A05R309740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

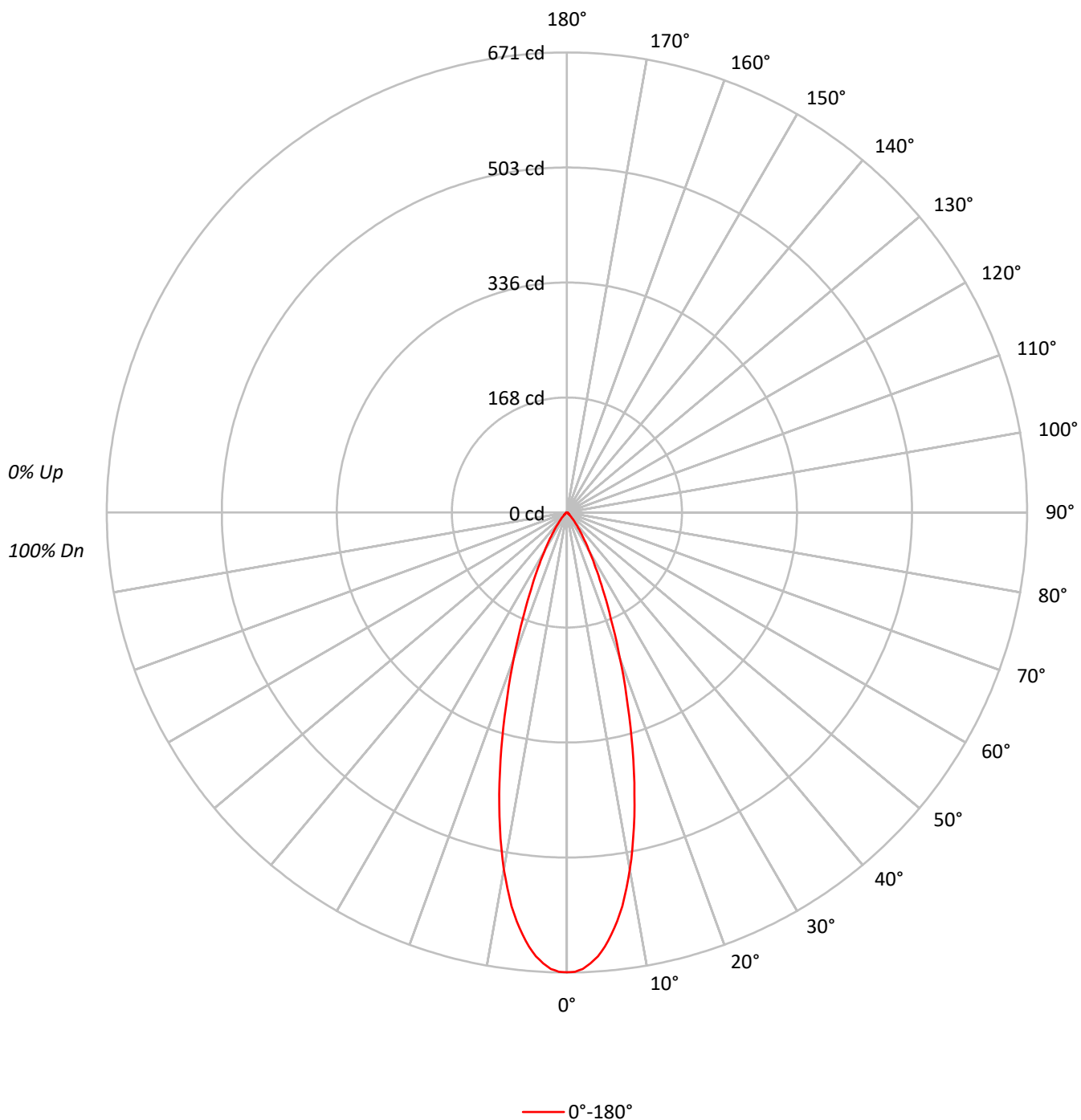
Lumens per Lamp: N/A
Luminaire Lumens: 252.0 lumens
Efficiency: N/A
Efficacy: 35.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269029

CATALOG NUMBER: P3A05R309740DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1269029

CATALOG NUMBER: P3A05R309740DE010 E3DL1GPH

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		78
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°	147050
5°	139951
10°	117722
15°	84904
20°	52668
25°	29953
30°	16635
35°	9048
40°	4780
45°	2574
50°	1365
55°	918
60°	833
65°	882
70°	769
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2574 cd/sqm

TEST NUMBER: P1269029

CATALOG NUMBER: P3A05R309740DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.3	22.7
10°-20°	101.8	40.4
20°-30°	58.8	23.3
30°-40°	22.3	8.9
40°-50°	6.8	2.7
50°-60°	2.3	0.9
60°-70°	1.6	0.6
70°-80°	0.9	0.3
80°-90°	0.3	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°	217.9	86.4
0°-40°	240.2	95.3
0°-60°	249.4	98.9
0°-90°	252.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	252.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	671	
5°	636	57
15°	374	102
25°	124	59
35°	34	22
45°	8	7
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1269029

CATALOG NUMBER: P3A05R309740DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	670.6
1°	670.1
2°	666.1
3°	658.5
4°	648.9
5°	635.8
6°	619.2
7°	600.6
8°	579.9
9°	555.1
10°	528.7
11°	500.2
12°	469.9
13°	438.3
14°	406.1
15°	374.0
17.5°	295.0
20°	225.7
22.5°	167.4
25°	123.8
27.5°	90.0
30°	65.7
32.5°	47.4
35°	33.8
37.5°	23.6
40°	16.7
42.5°	11.7
45°	8.3
47.5°	5.7
50°	4.0
52.5°	2.9
55°	2.4
57.5°	2.1
60°	1.9
62.5°	1.7
65°	1.7
67.5°	1.4
70°	1.2
72.5°	1.0
75°	0.7
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.0



TEST NUMBER: P1269029

CATALOG NUMBER: P3A05R309740DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)