

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: P1246309

Luminaire Tested: P3A05R659024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246309
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R659024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

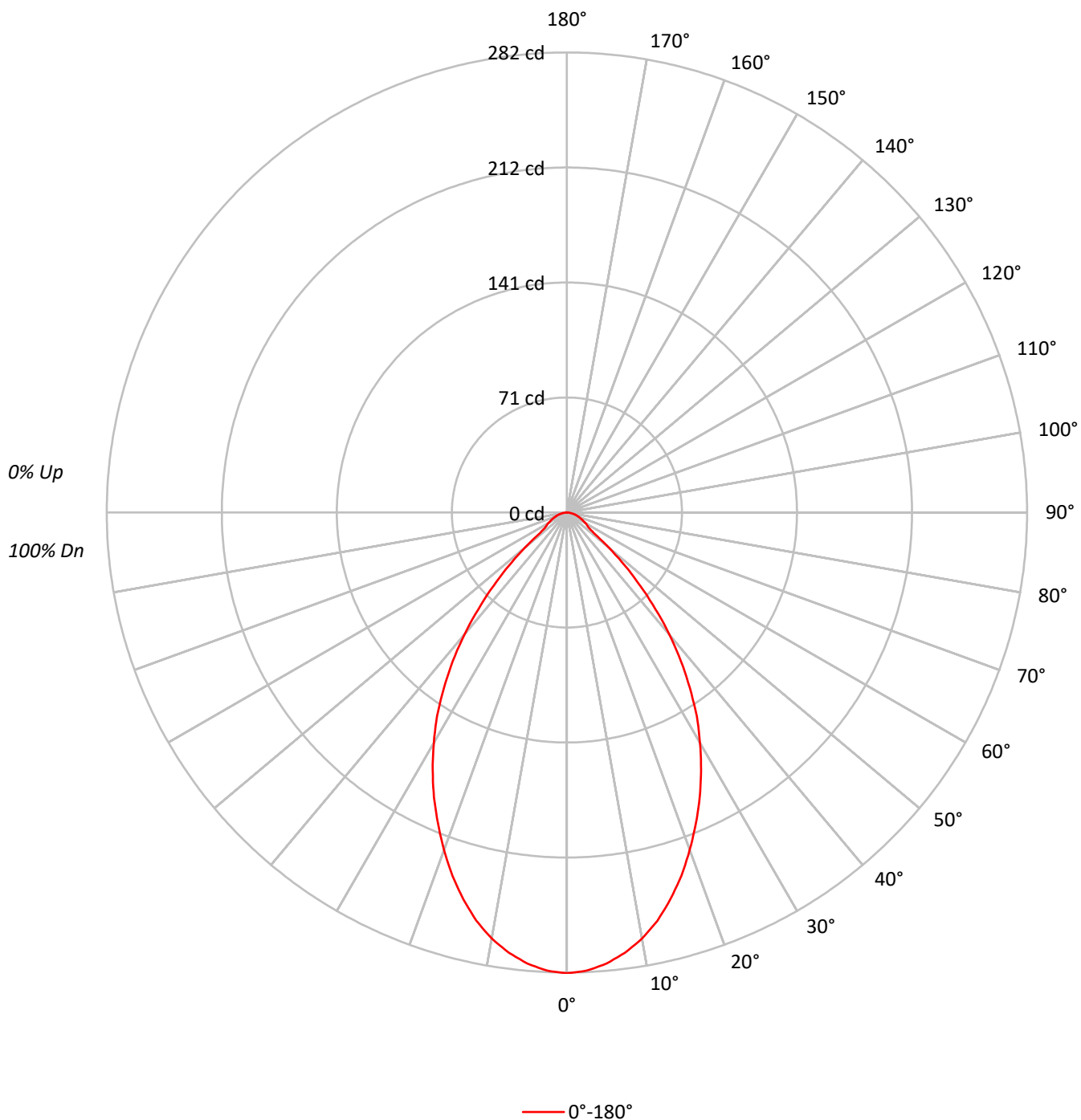
Lumens per Lamp: N/A
Luminaire Lumens: 348.0 lumens
Efficiency: N/A
Efficacy: 48.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61925
5°	61105
10°	59050
15°	55687
20°	51361
25°	46624
30°	41297
35°	35148
40°	27967
45°	19723
50°	11462
55°	6270
60°	5833
65°	5292
70°	4809
75°	4490
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	7.5
10°-20°	68.6	19.7
20°-30°	88.2	25.3
30°-40°	81.6	23.4
40°-50°	49.2	14.2
50°-60°	16.8	4.8
60°-70°	10.1	2.9
70°-80°	5.7	1.6
80°-90°	1.6	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°	182.9	52.6
0°-40°	264.5	76.0
0°-60°	330.6	95.0
0°-90°	348.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	348.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	282	
5°	278	26
15°	245	69
25°	193	88
35°	131	82
45°	64	49
55°	16	17
65°	10	10
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	282.4
2.5°	281.1
5°	277.6
7.5°	272.2
10°	265.2
12.5°	256.3
15°	245.3
17.5°	233.4
20°	220.1
22.5°	206.4
25°	192.7
27.5°	178.1
30°	163.1
32.5°	148.1
35°	131.3
37.5°	114.9
40°	97.7
42.5°	80.4
45°	63.6
47.5°	48.2
50°	33.6
52.5°	21.2
55°	16.4
57.5°	14.6
60°	13.3
62.5°	11.5
65°	10.2
67.5°	8.8
70°	7.5
72.5°	6.6
75°	5.3
77.5°	4.4
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)