

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: P1268918

Luminaire Tested: P3A05R129740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268918
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

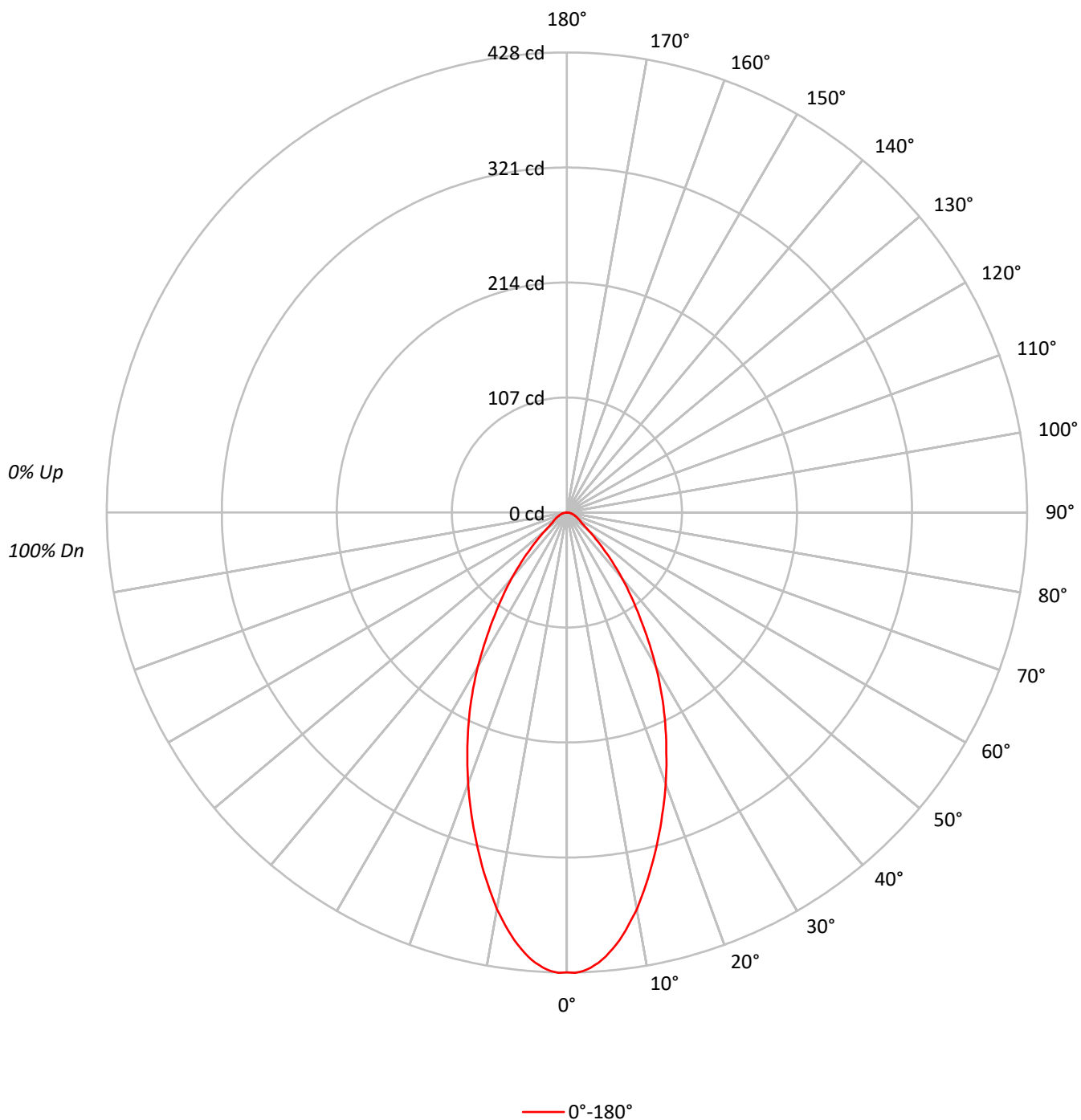
Lumens per Lamp: N/A
Luminaire Lumens: 372.0 lumens
Efficiency: N/A
Efficacy: 48.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	93830
5°	91283
10°	83432
15°	73076
20°	62679
25°	52334
30°	41880
35°	31400
40°	22786
45°	14916
50°	9313
55°	6308
60°	5570
65°	5137
70°	4809
75°	4406
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14916 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.3	10.3
10°-20°	89.7	24.1
20°-30°	98.8	26.6
30°-40°	74.0	19.9
40°-50°	38.3	10.3
50°-60°	15.9	4.3
60°-70°	9.8	2.6
70°-80°	5.5	1.5
80°-90°	1.6	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°	226.8	61.0
0°-40°	300.8	80.9
0°-60°	355.0	95.4
0°-90°	372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	372.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	428	
5°	415	38
15°	322	90
25°	216	99
35°	117	74
45°	48	38
55°	16	16
65°	10	10
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	427.9
1°	428.4
2°	427.0
3°	424.1
4°	419.9
5°	414.7
6°	408.1
7°	401.0
8°	392.6
9°	383.6
10°	374.7
12.5°	348.7
15°	321.9
17.5°	295.0
20°	268.6
22.5°	241.8
25°	216.3
27.5°	190.9
30°	165.4
32.5°	140.4
35°	117.3
37.5°	97.6
40°	79.6
42.5°	63.1
45°	48.1
47.5°	36.3
50°	27.3
52.5°	20.3
55°	16.5
57.5°	14.6
60°	12.7
62.5°	11.3
65°	9.9
67.5°	8.5
70°	7.5
72.5°	6.1
75°	5.2
77.5°	4.2
80°	3.3
82.5°	2.4
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)