

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: P1253977

Luminaire Tested: P3AS05R459035DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253977
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459035DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

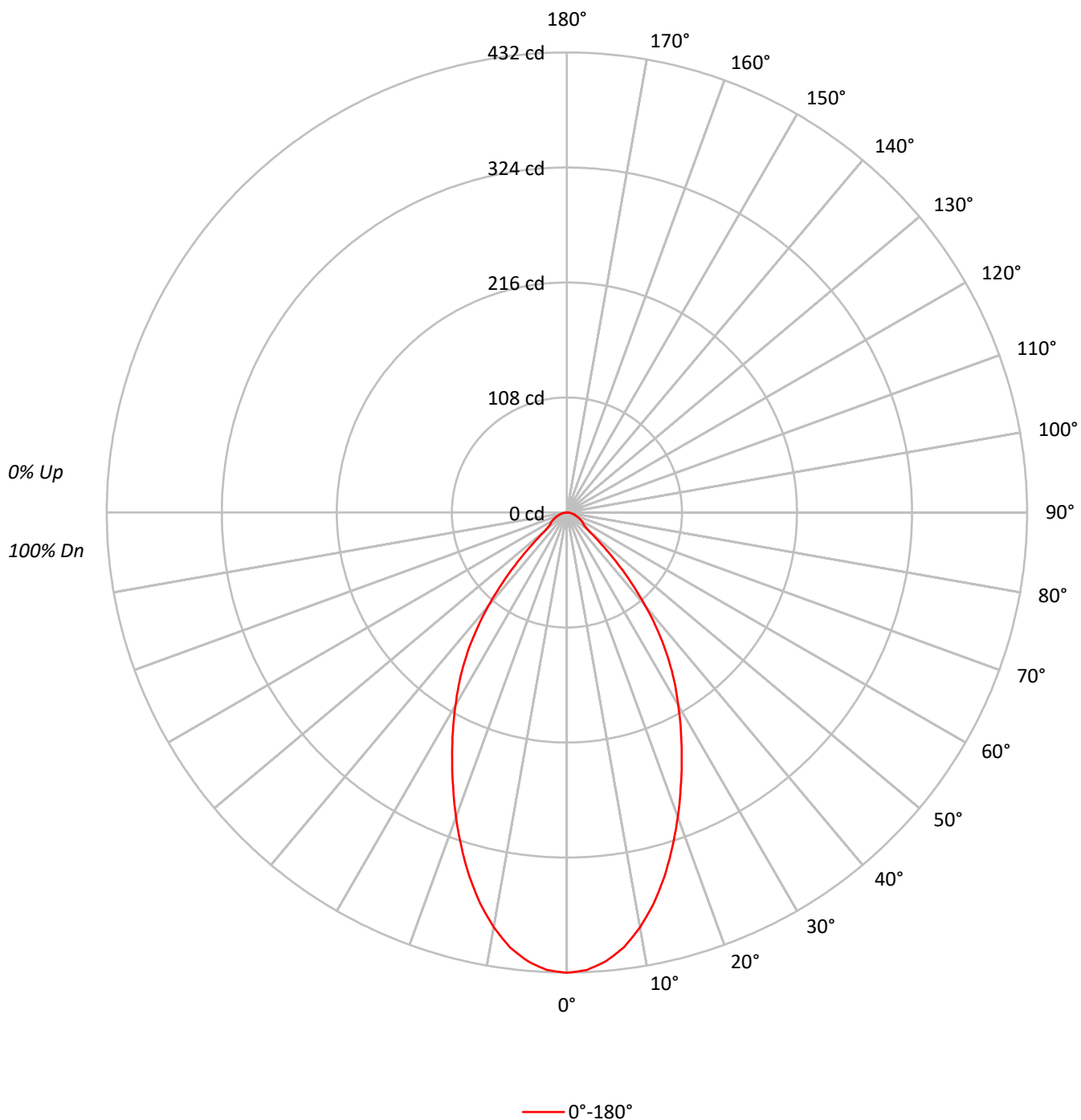
Lumens per Lamp: N/A
Luminaire Lumens: 447.0 lumens
Efficiency: N/A
Efficacy: 62.1 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	112	109	106	104	110	107	104	102	103	101	99		99	97	96		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		83
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		75
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		69
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		63
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		58
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		54
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		50
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		47
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	94773
5°	93088
10°	88086
15°	80341
20°	71033
25°	61697
30°	52945
35°	44116
40°	32890
45°	20126
50°	9313
55°	7302
60°	7017
65°	6434
70°	5963
75°	5676
80°	5177
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20126 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.5	8.8
10°-20°	98.5	22.0
20°-30°	117.1	26.2
30°-40°	101.7	22.8
40°-50°	51.0	11.4
50°-60°	17.7	4.0
60°-70°	12.4	2.8
70°-80°	6.9	1.6
80°-90°	2.1	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°	255.1	57.1
0°-40°	356.8	79.8
0°-60°	425.5	95.2
0°-90°	447.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	447.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	432	
5°	423	40
15°	354	99
25°	255	117
35°	165	102
45°	65	51
55°	19	18
65°	12	12
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	432.2
2.5°	430.1
5°	422.9
7.5°	411.6
10°	395.6
12.5°	376.1
15°	353.9
17.5°	329.2
20°	304.4
22.5°	279.2
25°	255.0
27.5°	231.8
30°	209.1
32.5°	187.5
35°	164.8
37.5°	140.6
40°	114.9
42.5°	89.6
45°	64.9
47.5°	42.8
50°	27.3
52.5°	21.1
55°	19.1
57.5°	17.5
60°	16.0
62.5°	14.4
65°	12.4
67.5°	10.8
70°	9.3
72.5°	7.7
75°	6.7
77.5°	5.2
80°	4.1
82.5°	3.1
85°	1.5
87.5°	1.0
90°	0.0

(END OF REPORT)