

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: P1248562

Luminaire Tested: P3AS05R459027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248562
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: P3AS05R459027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

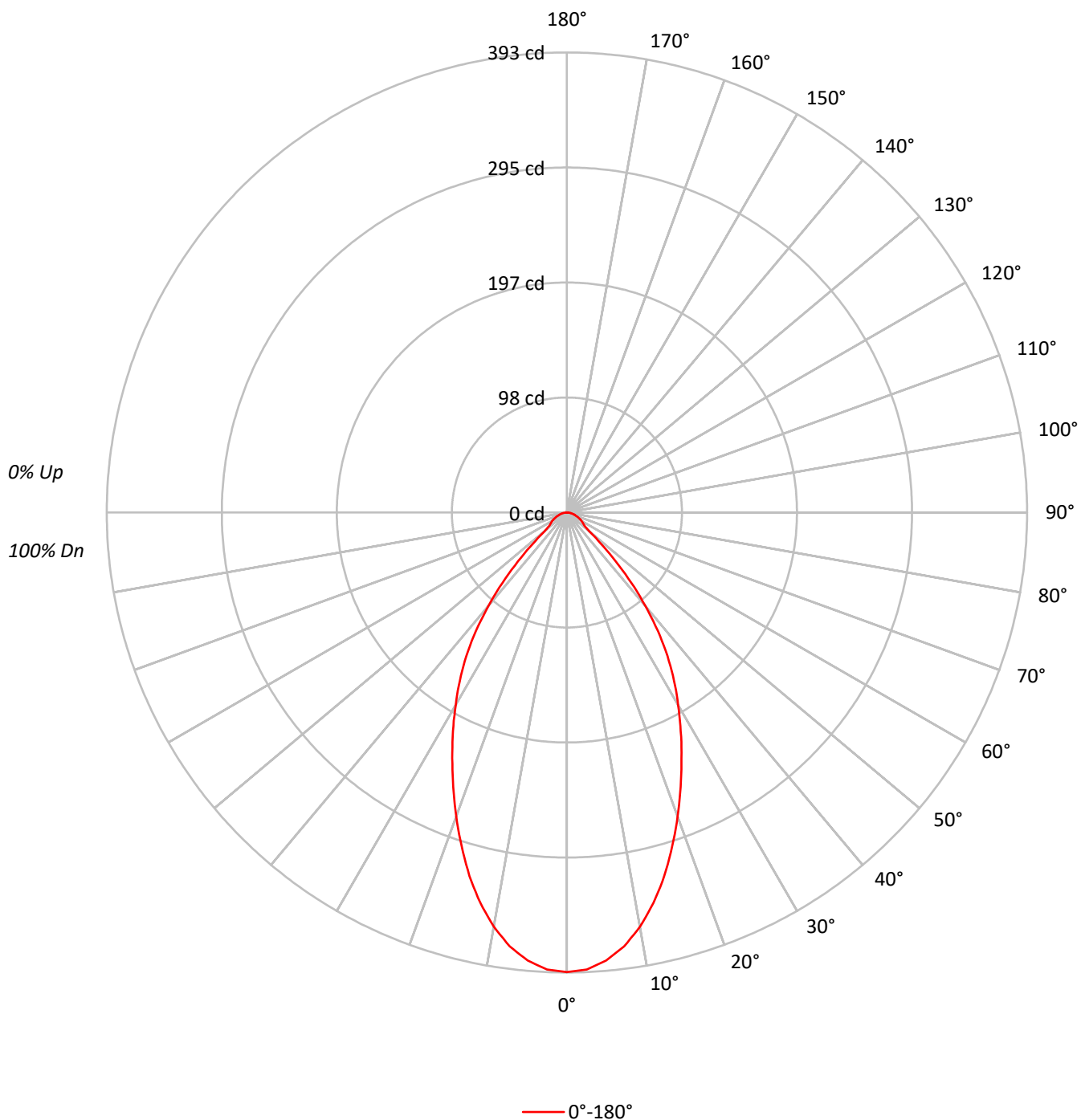
Lumens per Lamp: N/A
Luminaire Lumens: 405.9 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	86090
5°	84547
10°	80003
15°	72963
20°	64522
25°	56035
30°	48109
35°	40074
40°	29856
45°	18296
50°	8460
55°	6614
60°	6359
65°	5811
70°	5386
75°	5168
80°	4672
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18296 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.9	8.8
10°-20°	89.5	22.0
20°-30°	106.3	26.2
30°-40°	92.4	22.8
40°-50°	46.3	11.4
50°-60°	16.1	4.0
60°-70°	11.3	2.8
70°-80°	6.3	1.5
80°-90°	1.9	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°	231.7	57.1
0°-40°	324.1	79.8
0°-60°	386.5	95.2
0°-90°	405.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	405.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	393	
5°	384	36
15°	321	89
25°	232	106
35°	150	92
45°	59	46
55°	17	16
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	392.6
2.5°	390.7
5°	384.1
7.5°	373.8
10°	359.3
12.5°	341.6
15°	321.4
17.5°	299.0
20°	276.5
22.5°	253.6
25°	231.6
27.5°	210.6
30°	190.0
32.5°	170.3
35°	149.7
37.5°	127.7
40°	104.3
42.5°	81.4
45°	59.0
47.5°	38.8
50°	24.8
52.5°	19.2
55°	17.3
57.5°	15.9
60°	14.5
62.5°	13.1
65°	11.2
67.5°	9.8
70°	8.4
72.5°	7.0
75°	6.1
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.4
87.5°	0.9
90°	0.0

(END OF REPORT)