

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: P1252427

Luminaire Tested: P3AS17R459030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252427
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: P3AS17R459030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

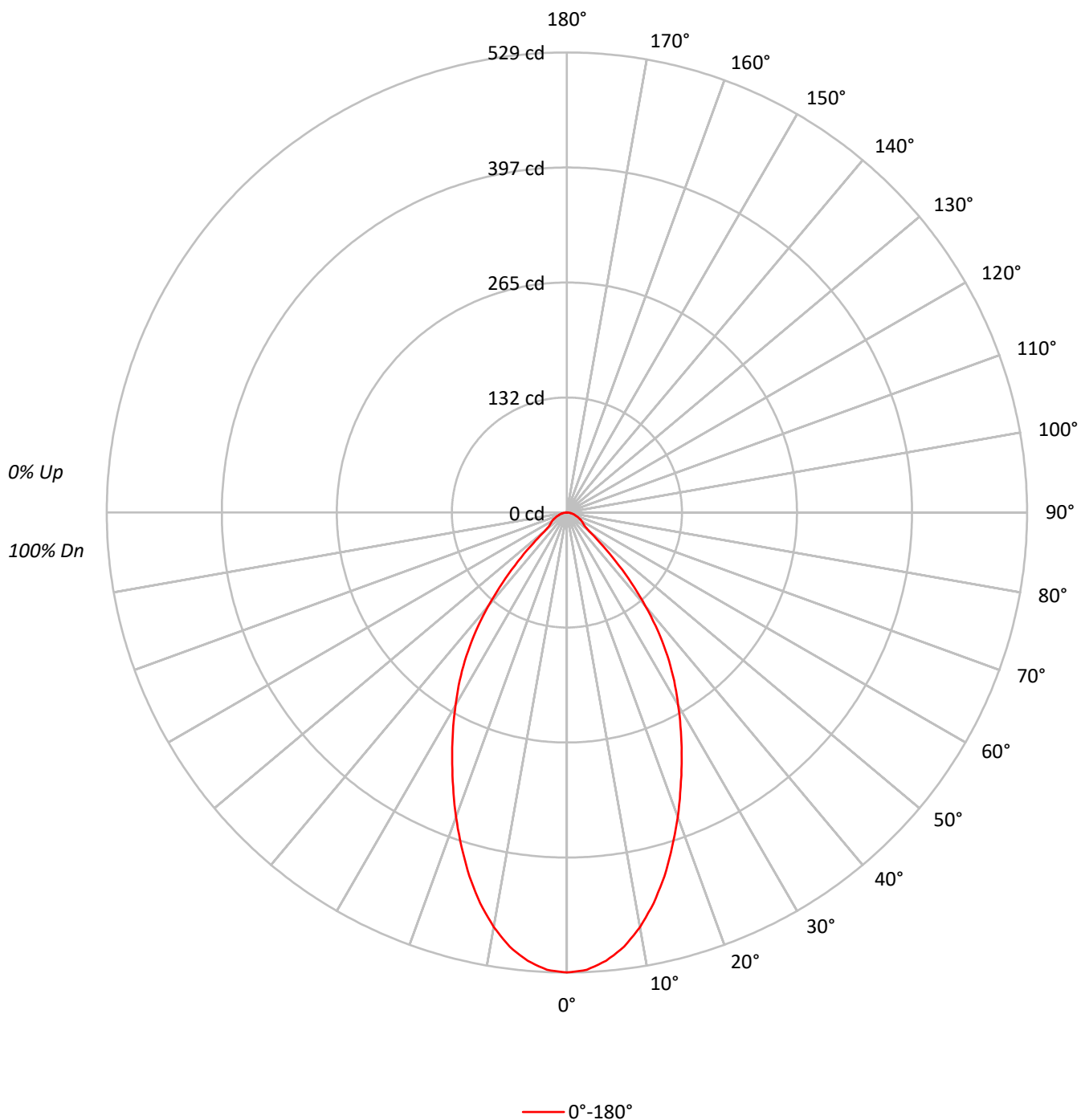
Lumens per Lamp: N/A
Luminaire Lumens: 547.0 lumens
Efficiency: N/A
Efficacy: 25.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1252427

CATALOG NUMBER: P3AS17R459030DE010 E3DLD1GPH

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	90	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°	115978
5°	113911
10°	107791
15°	98321
20°	86948
25°	75488
30°	64795
35°	53994
40°	40247
45°	24623
50°	11394
55°	8908
60°	8552
65°	7835
70°	7245
75°	6947
80°	6314
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24623 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.3	8.8
10°-20°	120.6	22.0
20°-30°	143.3	26.2
30°-40°	124.5	22.8
40°-50°	62.4	11.4
50°-60°	21.6	4.0
60°-70°	15.2	2.8
70°-80°	8.5	1.6
80°-90°	2.6	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°	312.2	57.1
0°-40°	436.7	79.8
0°-60°	520.7	95.2
0°-90°	547.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	547.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	529	
5°	518	48
15°	433	121
25°	312	143
35°	202	124
45°	79	62
55°	23	22
65°	15	15
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	528.9
2.5°	526.4
5°	517.5
7.5°	503.7
10°	484.1
12.5°	460.2
15°	433.1
17.5°	402.8
20°	372.6
22.5°	341.7
25°	312.0
27.5°	283.7
30°	255.9
32.5°	229.5
35°	201.7
37.5°	172.1
40°	140.6
42.5°	109.7
45°	79.4
47.5°	52.3
50°	33.4
52.5°	25.8
55°	23.3
57.5°	21.4
60°	19.5
62.5°	17.7
65°	15.1
67.5°	13.2
70°	11.3
72.5°	9.5
75°	8.2
77.5°	6.3
80°	5.0
82.5°	3.8
85°	1.9
87.5°	1.3
90°	0.0

(END OF REPORT)