

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: P1246980

Luminaire Tested: P3AS13R459024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246980
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: P3AS13R459024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

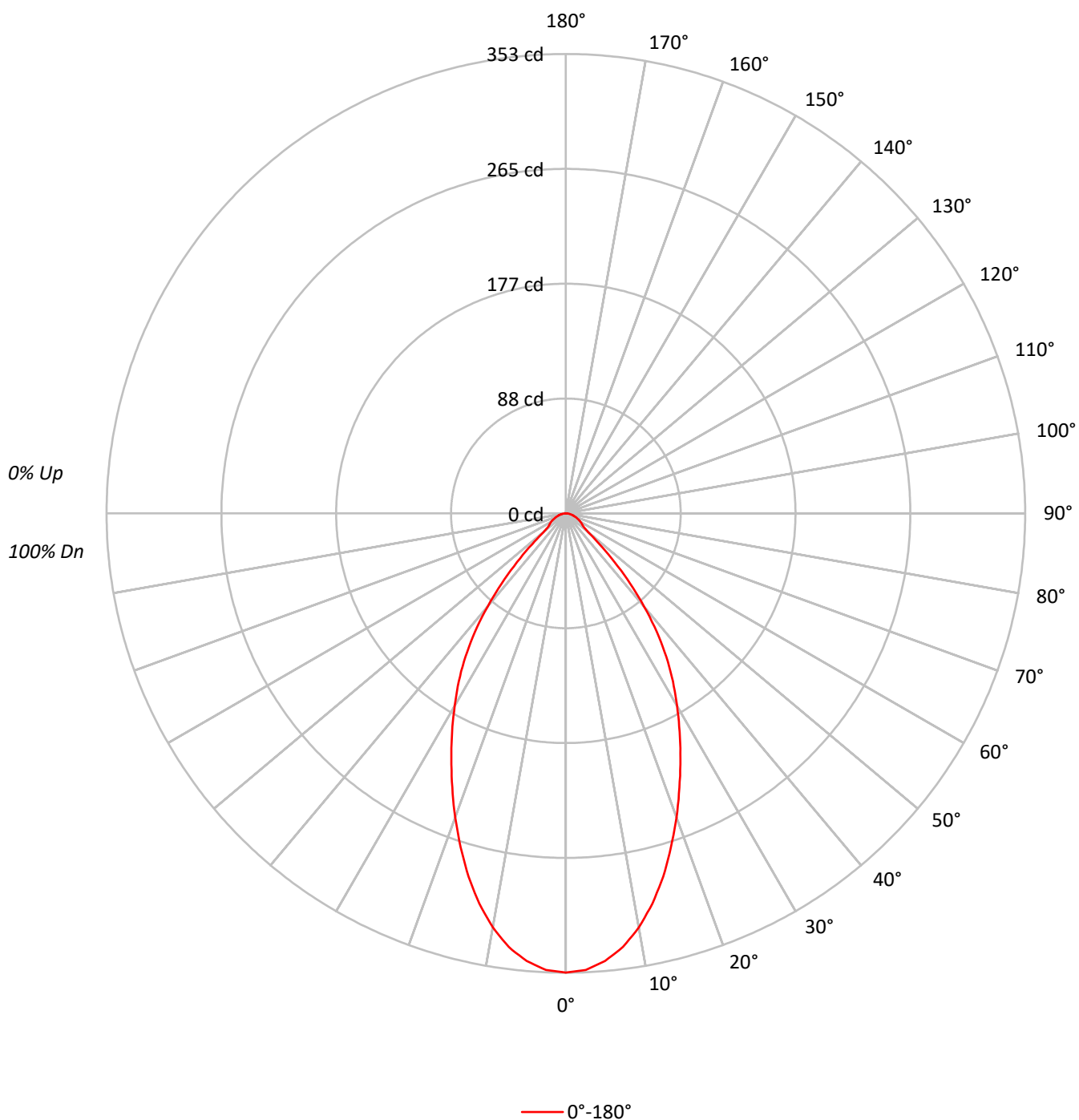
Lumens per Lamp: N/A
Luminaire Lumens: 365.0 lumens
Efficiency: N/A
Efficacy: 25.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	77384
5°	76007
10°	71943
15°	65608
20°	58012
25°	50374
30°	43247
35°	36031
40°	26850
45°	16436
50°	7607
55°	5964
60°	5701
65°	5241
70°	4873
75°	4660
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16436 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.3	8.8
10°-20°	80.5	22.0
20°-30°	95.6	26.2
30°-40°	83.1	22.8
40°-50°	41.7	11.4
50°-60°	14.5	4.0
60°-70°	10.1	2.8
70°-80°	5.7	1.6
80°-90°	1.7	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°	208.3	57.1
0°-40°	291.4	79.8
0°-60°	347.5	95.2
0°-90°	365.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	365.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	353	
5°	345	32
15°	289	80
25°	208	96
35°	135	83
45°	53	42
55°	16	14
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	352.9
2.5°	351.2
5°	345.3
7.5°	336.1
10°	323.1
12.5°	307.1
15°	289.0
17.5°	268.8
20°	248.6
22.5°	228.0
25°	208.2
27.5°	189.3
30°	170.8
32.5°	153.1
35°	134.6
37.5°	114.8
40°	93.8
42.5°	73.2
45°	53.0
47.5°	34.9
50°	22.3
52.5°	17.2
55°	15.6
57.5°	14.3
60°	13.0
62.5°	11.8
65°	10.1
67.5°	8.8
70°	7.6
72.5°	6.3
75°	5.5
77.5°	4.2
80°	3.4
82.5°	2.5
85°	1.3
87.5°	0.8
90°	0.0

(END OF REPORT)