

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: P1272039

Luminaire Tested: P3AS13R459827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272039
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: P3AS13R459827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

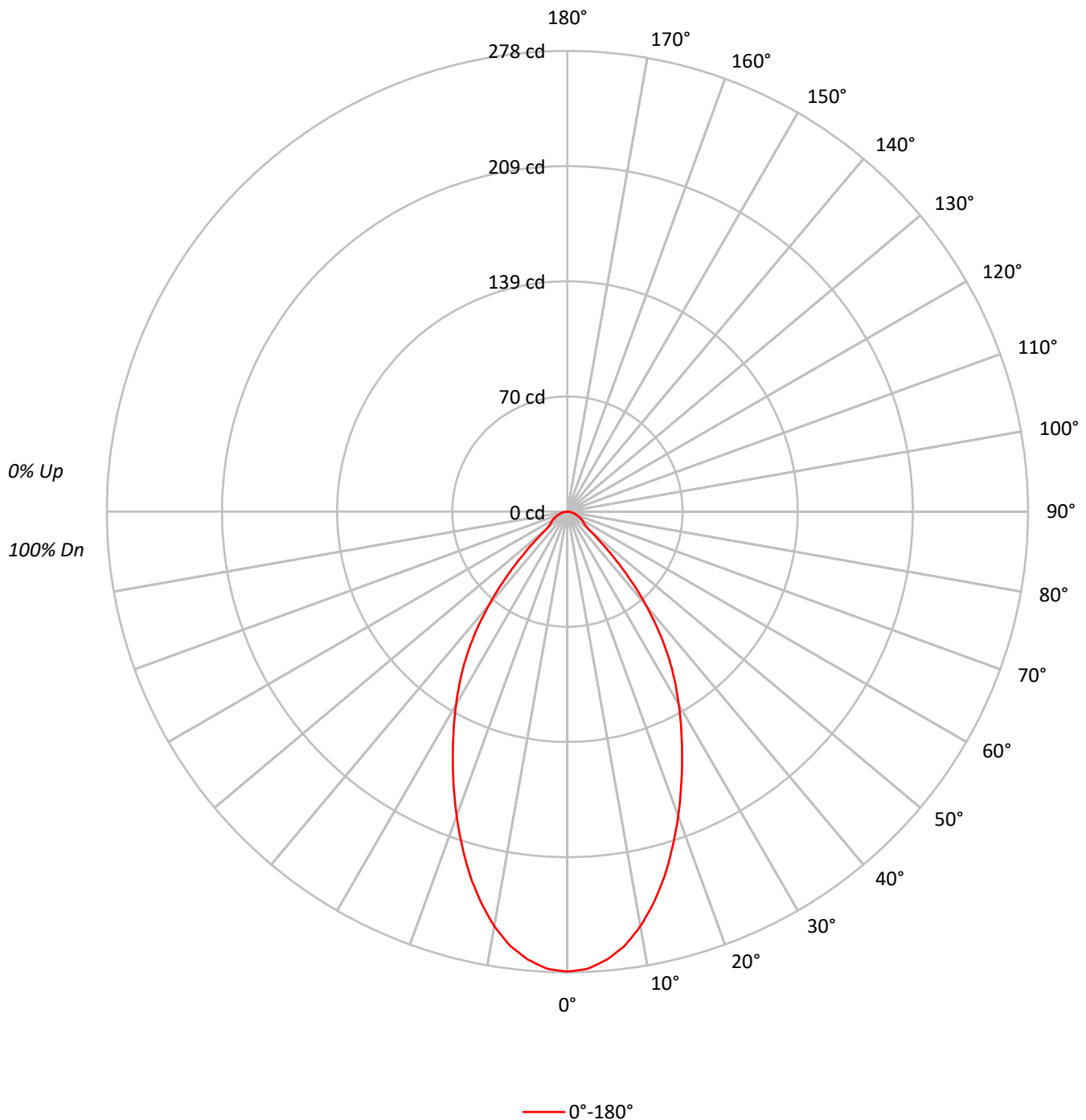
Lumens per Lamp: N/A
Luminaire Lumens: 287.0 lumens
Efficiency: N/A
Efficacy: 19.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	60850
5°	59762
10°	56557
15°	51578
20°	45621
25°	39607
30°	34005
35°	28322
40°	21125
45°	12932
50°	5970
55°	4664
60°	4517
65°	4099
70°	3847
75°	3643
80°	3283
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12932 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.4	8.8
10°-20°	63.3	22.0
20°-30°	75.2	26.2
30°-40°	65.3	22.8
40°-50°	32.8	11.4
50°-60°	11.4	4.0
60°-70°	8.0	2.8
70°-80°	4.5	1.6
80°-90°	1.4	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°	163.8	57.1
0°-40°	229.1	79.8
0°-60°	273.2	95.2
0°-90°	287.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	287.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	278	
5°	272	25
15°	227	63
25°	164	75
35°	106	65
45°	42	33
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	277.5
2.5°	276.2
5°	271.5
7.5°	264.3
10°	254.0
12.5°	241.4
15°	227.2
17.5°	211.4
20°	195.5
22.5°	179.3
25°	163.7
27.5°	148.8
30°	134.3
32.5°	120.4
35°	105.8
37.5°	90.3
40°	73.8
42.5°	57.6
45°	41.7
47.5°	27.5
50°	17.5
52.5°	13.6
55°	12.2
57.5°	11.2
60°	10.3
62.5°	9.3
65°	7.9
67.5°	6.9
70°	6.0
72.5°	5.0
75°	4.3
77.5°	3.3
80°	2.6
82.5°	2.0
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)