

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: P1249227

Luminaire Tested: P3AS13R259027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249227
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

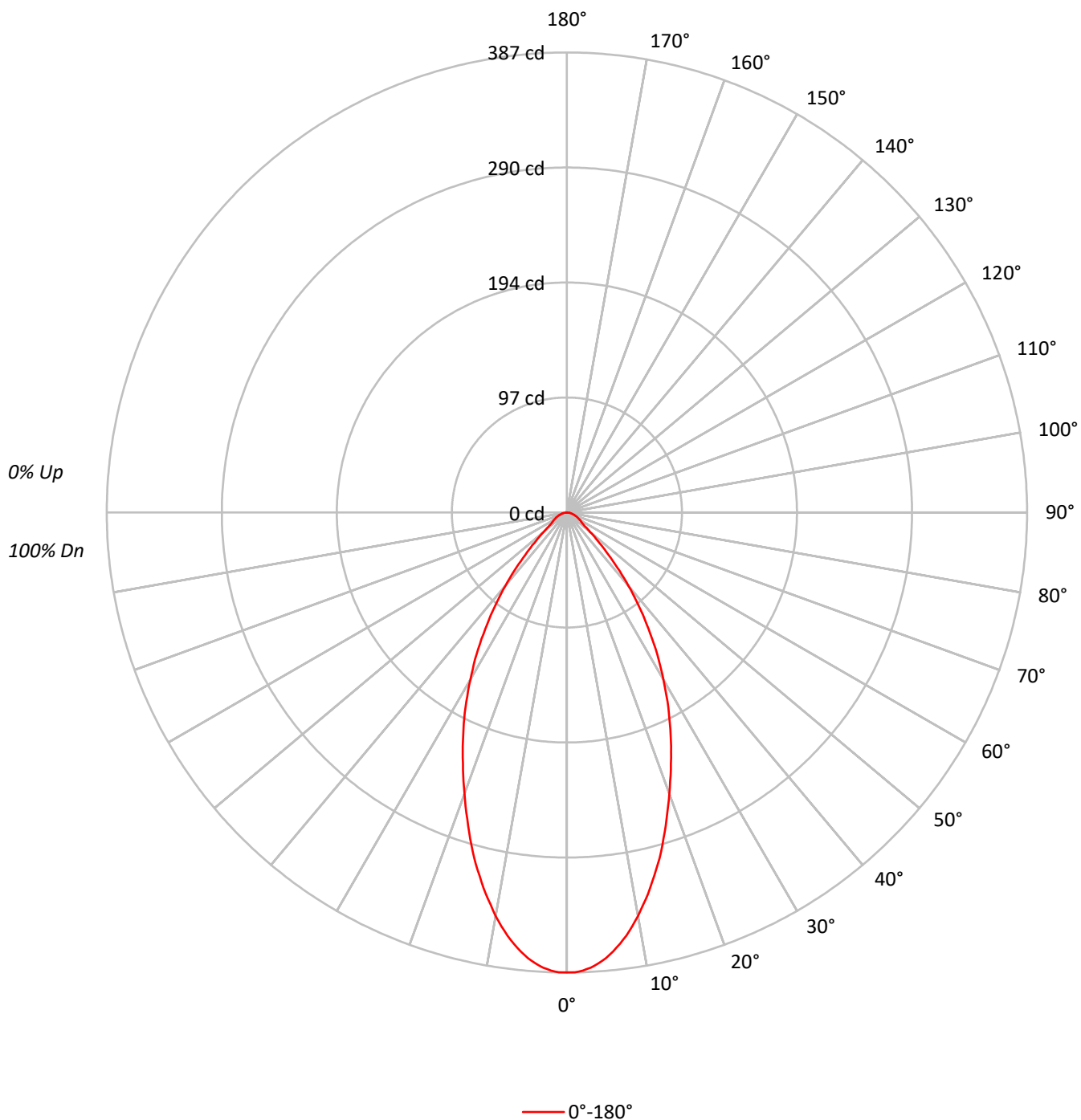
Lumens per Lamp: N/A
Luminaire Lumens: 357.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84840
5°	82831
10°	76752
15°	68355
20°	58735
25°	49938
30°	41095
35°	32016
40°	23043
45°	14606
50°	8665
55°	5964
60°	5482
65°	5085
70°	4552
75°	4151
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14606 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.9	9.8
10°-20°	83.6	23.4
20°-30°	94.4	26.5
30°-40°	74.7	20.9
40°-50°	37.7	10.6
50°-60°	15.1	4.2
60°-70°	9.7	2.7
70°-80°	5.3	1.5
80°-90°	1.5	0.4
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°	212.9	59.7
0°-40°	287.6	80.6
0°-60°	340.5	95.4
0°-90°	357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	357.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	387	
5°	376	35
15°	301	84
25°	206	94
35°	120	75
45°	47	38
55°	16	15
65°	10	10
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	386.9
1°	386.9
2°	385.6
3°	383.4
4°	380.3
5°	376.3
6°	371.4
7°	365.6
8°	359.4
9°	352.2
10°	344.7
11°	336.2
12°	328.2
13°	318.9
14°	310.0
15°	301.1
17.5°	276.2
20°	251.7
22.5°	228.6
25°	206.4
27.5°	184.6
30°	162.3
32.5°	141.4
35°	119.6
37.5°	99.6
40°	80.5
42.5°	62.7
45°	47.1
47.5°	35.1
50°	25.4
52.5°	19.1
55°	15.6
57.5°	14.2
60°	12.5
62.5°	11.1
65°	9.8
67.5°	8.5
70°	7.1
72.5°	6.2
75°	4.9
77.5°	4.0
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)