

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: P1260953

Luminaire Tested: P3AS24R159050D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260953
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159050D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

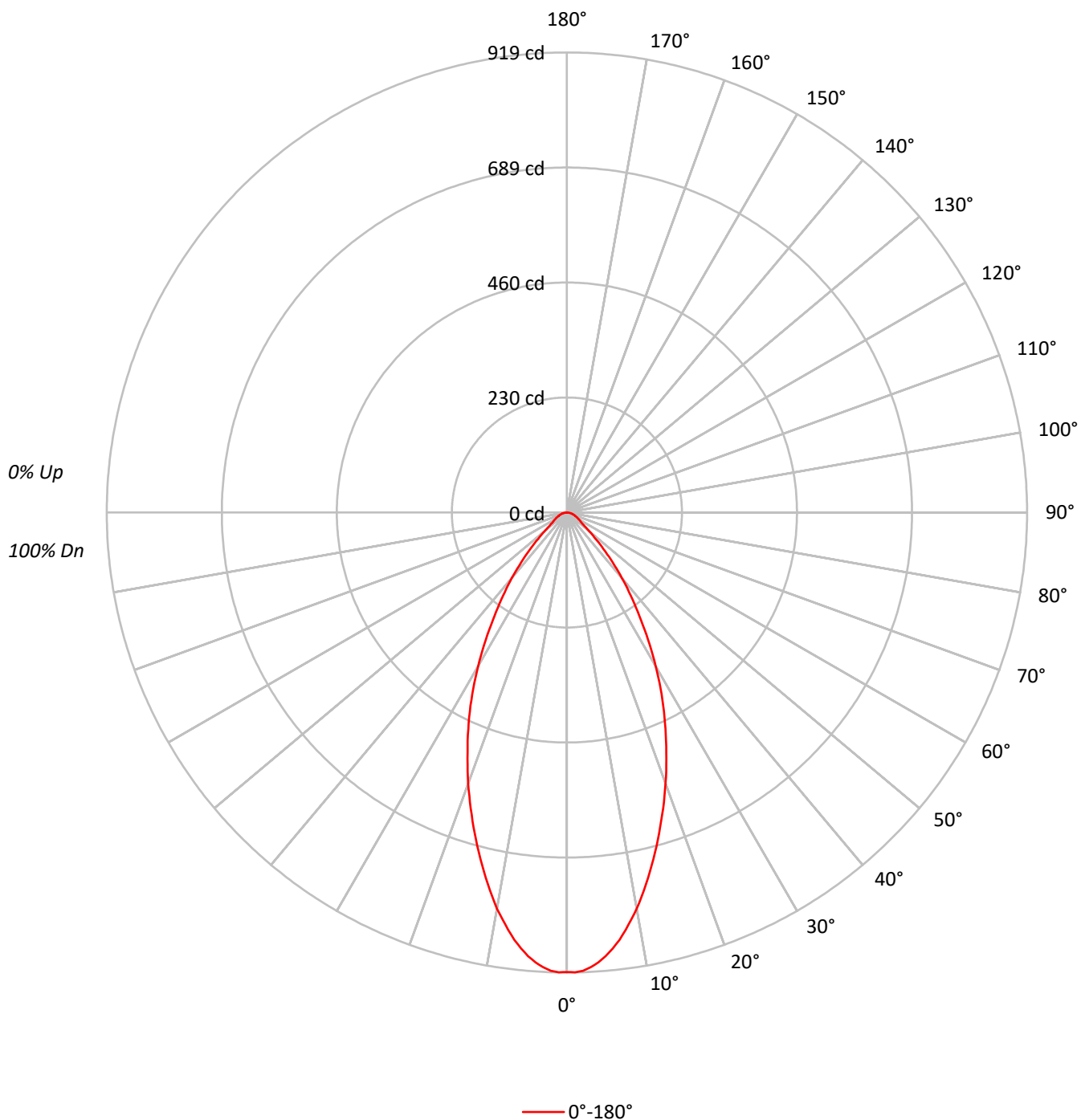
Lumens per Lamp: N/A
Luminaire Lumens: 798.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	201278
5°	195817
10°	178955
15°	156755
20°	134458
25°	112265
30°	89837
35°	67378
40°	48892
45°	31972
50°	19991
55°	13534
60°	11973
65°	11000
70°	10386
75°	9404
80°	8966
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 31972 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.1	10.3
10°-20°	192.4	24.1
20°-30°	212.0	26.6
30°-40°	158.7	19.9
40°-50°	82.3	10.3
50°-60°	34.1	4.3
60°-70°	21.1	2.6
70°-80°	11.9	1.5
80°-90°	3.4	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°	486.4	61.0
0°-40°	645.2	80.9
0°-60°	761.5	95.4
0°-90°	798.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	798.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	918	
5°	890	82
15°	690	192
25°	464	212
35°	252	159
45°	103	82
55°	35	34
65°	21	21
75°	11	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	917.9
1°	918.9
2°	915.9
3°	909.8
4°	900.7
5°	889.6
6°	875.5
7°	860.3
8°	842.1
9°	822.9
10°	803.7
12.5°	748.1
15°	690.5
17.5°	632.8
20°	576.2
22.5°	518.6
25°	464.0
27.5°	409.4
30°	354.8
32.5°	301.3
35°	251.7
37.5°	209.3
40°	170.8
42.5°	135.5
45°	103.1
47.5°	77.8
50°	58.6
52.5°	43.5
55°	35.4
57.5°	31.3
60°	27.3
62.5°	24.3
65°	21.2
67.5°	18.2
70°	16.2
72.5°	13.1
75°	11.1
77.5°	9.1
80°	7.1
82.5°	5.1
85°	3.0
87.5°	1.0
90°	0.0

(END OF REPORT)