

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: P1252942

Luminaire Tested: P3AS24R159030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252942
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: P3AS24R159030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

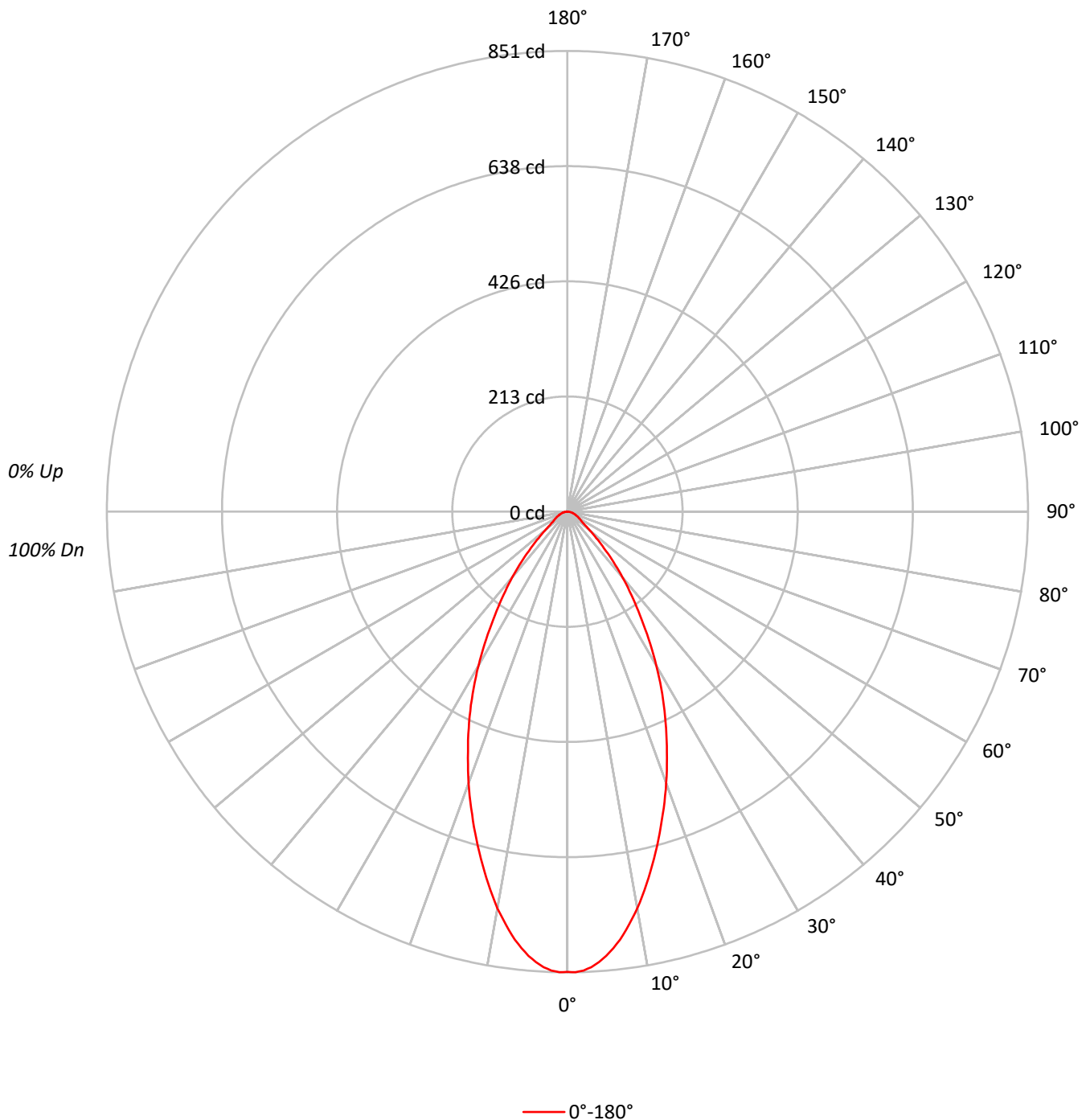
Lumens per Lamp: N/A
Luminaire Lumens: 739.1 lumens
Efficiency: N/A
Efficacy: 25.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	70	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°	186411
5°	181355
10°	165728
15°	145154
20°	124517
25°	103966
30°	83203
35°	62399
40°	45285
45°	29615
50°	18524
55°	12540
60°	11096
65°	10222
70°	9617
75°	8727
80°	8334
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29615 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.0	10.3
10°-20°	178.2	24.1
20°-30°	196.3	26.6
30°-40°	147.0	19.9
40°-50°	76.2	10.3
50°-60°	31.6	4.3
60°-70°	19.6	2.7
70°-80°	11.0	1.5
80°-90°	3.2	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°	450.5	61.0
0°-40°	597.5	80.8
0°-60°	705.3	95.4
0°-90°	739.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	739.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	850	
5°	824	76
15°	639	178
25°	430	196
35°	233	147
45°	96	76
55°	33	32
65°	20	20
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	850.1
1°	851.0
2°	848.2
3°	842.6
4°	834.2
5°	823.9
6°	810.7
7°	796.7
8°	779.9
9°	762.1
10°	744.3
12.5°	692.8
15°	639.4
17.5°	586.1
20°	533.6
22.5°	480.3
25°	429.7
27.5°	379.2
30°	328.6
32.5°	279.0
35°	233.1
37.5°	193.8
40°	158.2
42.5°	125.5
45°	95.5
47.5°	72.1
50°	54.3
52.5°	40.3
55°	32.8
57.5°	29.0
60°	25.3
62.5°	22.5
65°	19.7
67.5°	16.9
70°	15.0
72.5°	12.2
75°	10.3
77.5°	8.4
80°	6.6
82.5°	4.7
85°	2.8
87.5°	0.9
90°	0.0

(END OF REPORT)