

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: P1260959

Luminaire Tested: P3AS24R159050D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260959
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159050D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

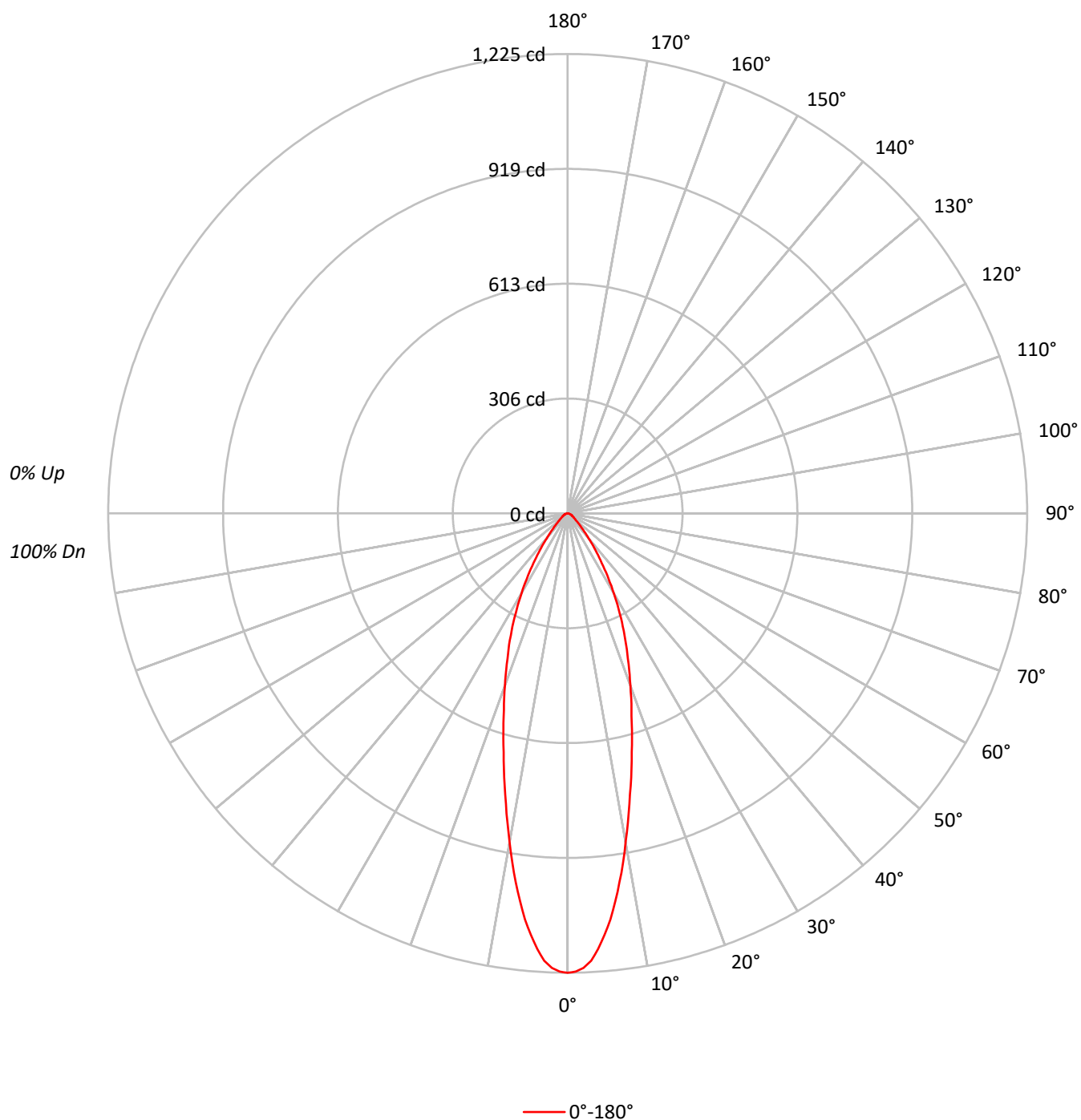
Lumens per Lamp: N/A
Luminaire Lumens: 623.0 lumens
Efficiency: N/A
Efficacy: 21.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		93
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		86
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		80
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		75
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		70
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		66
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		62
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		59
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		56
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268641
5°	248293
10°	198237
15°	149740
20°	114017
25°	86884
30°	62237
35°	40636
40°	24904
45°	15071
50°	9995
55°	7723
60°	6666
65°	5759
70°	5193
75°	5168
80°	3788
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.9	16.0
10°-20°	184.4	29.6
20°-30°	164.1	26.3
30°-40°	97.1	15.6
40°-50°	39.8	6.4
50°-60°	18.7	3.0
60°-70°	11.4	1.8
70°-80°	6.0	1.0
80°-90°	1.5	0.2
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°	448.4	72.0
0°-40°	545.5	87.6
0°-60°	604.1	97.0
0°-90°	623.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	623.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1225	
5°	1128	100
15°	660	184
25°	359	164
35°	152	97
45°	49	40
55°	20	19
65°	11	11
75°	6	6
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1225.1
1°	1222.1
2°	1213.0
3°	1194.8
4°	1164.4
5°	1128.0
6°	1088.6
7°	1042.0
8°	993.5
9°	943.9
10°	890.3
12.5°	767.9
15°	659.6
17.5°	566.5
20°	488.6
22.5°	419.8
25°	359.1
27.5°	300.5
30°	245.8
32.5°	196.3
35°	151.8
37.5°	116.3
40°	87.0
42.5°	64.7
45°	48.6
47.5°	37.4
50°	29.3
52.5°	24.3
55°	20.2
57.5°	17.2
60°	15.2
62.5°	13.2
65°	11.1
67.5°	10.1
70°	8.1
72.5°	7.1
75°	6.1
77.5°	4.0
80°	3.0
82.5°	2.0
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)