

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: P1253152

Luminaire Tested: P3AS24R509030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253152
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

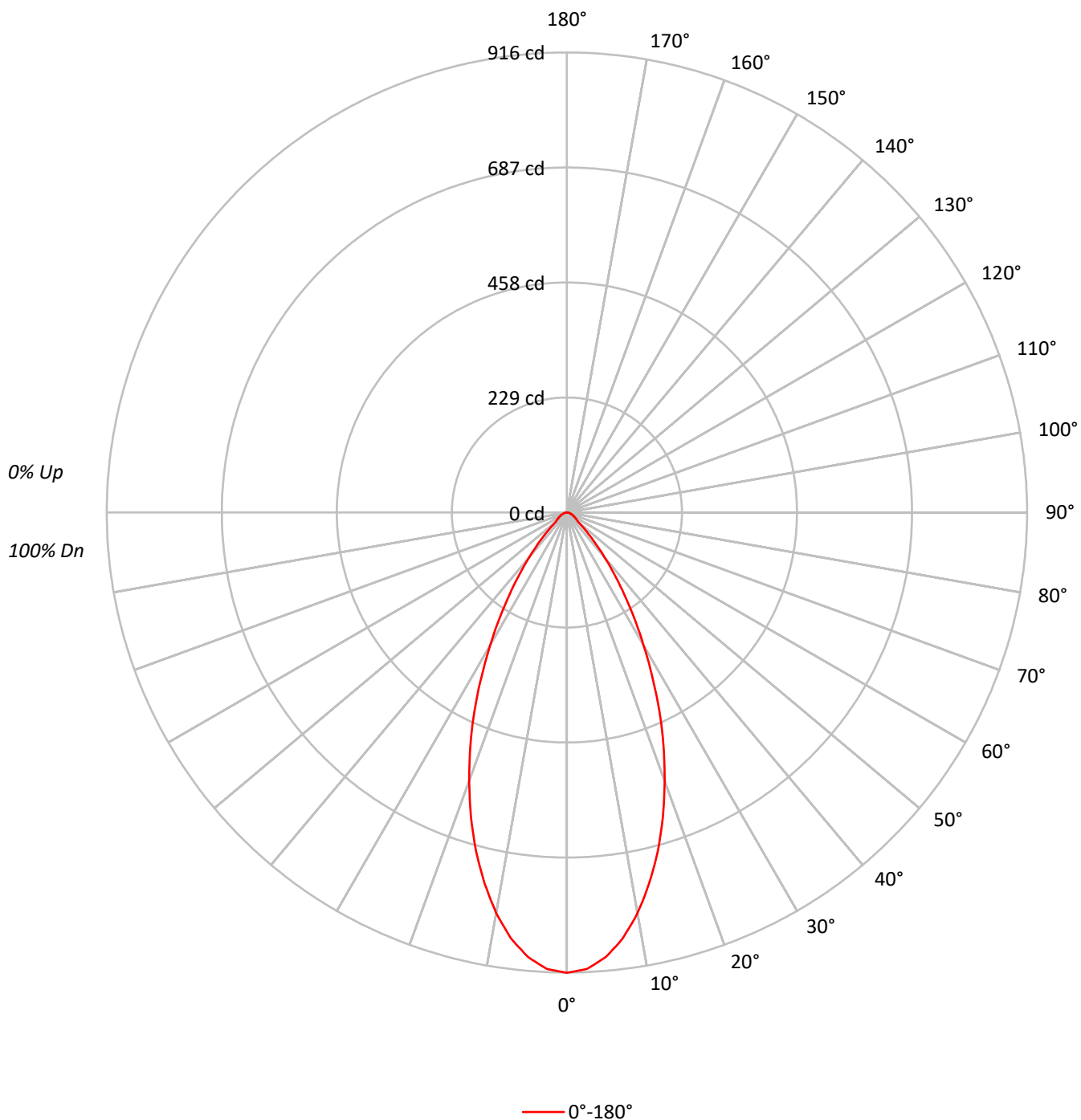
Lumens per Lamp: N/A
Luminaire Lumens: 691.0 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	200971
5°	195575
10°	180335
15°	158593
20°	132685
25°	105224
30°	77202
35°	53083
40°	33720
45°	18855
50°	10200
55°	8564
60°	7368
65°	6797
70°	6027
75°	5507
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18855 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.3	11.9
10°-20°	193.5	28.0
20°-30°	197.9	28.6
30°-40°	125.5	18.2
40°-50°	49.9	7.2
50°-60°	20.2	2.9
60°-70°	13.0	1.9
70°-80°	6.7	1.0
80°-90°	2.0	0.3
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°	473.7	68.6
0°-40°	599.2	86.7
0°-60°	669.3	96.9
0°-90°	691.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	691.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	916	
5°	888	82
15°	699	193
25°	435	198
35°	198	125
45°	61	50
55°	22	20
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	916.5
2.5°	910.0
5°	888.5
7.5°	854.8
10°	809.9
12.5°	756.6
15°	698.6
17.5°	635.0
20°	568.6
22.5°	502.2
25°	434.9
27.5°	367.5
30°	304.9
32.5°	248.8
35°	198.3
37.5°	155.2
40°	117.8
42.5°	87.0
45°	60.8
47.5°	41.1
50°	29.9
52.5°	25.3
55°	22.4
57.5°	19.6
60°	16.8
62.5°	15.0
65°	13.1
67.5°	11.2
70°	9.4
72.5°	7.5
75°	6.5
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)