

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: P1258364

Luminaire Tested: P3AS24R159040D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258364
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: P3AS24R159040D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

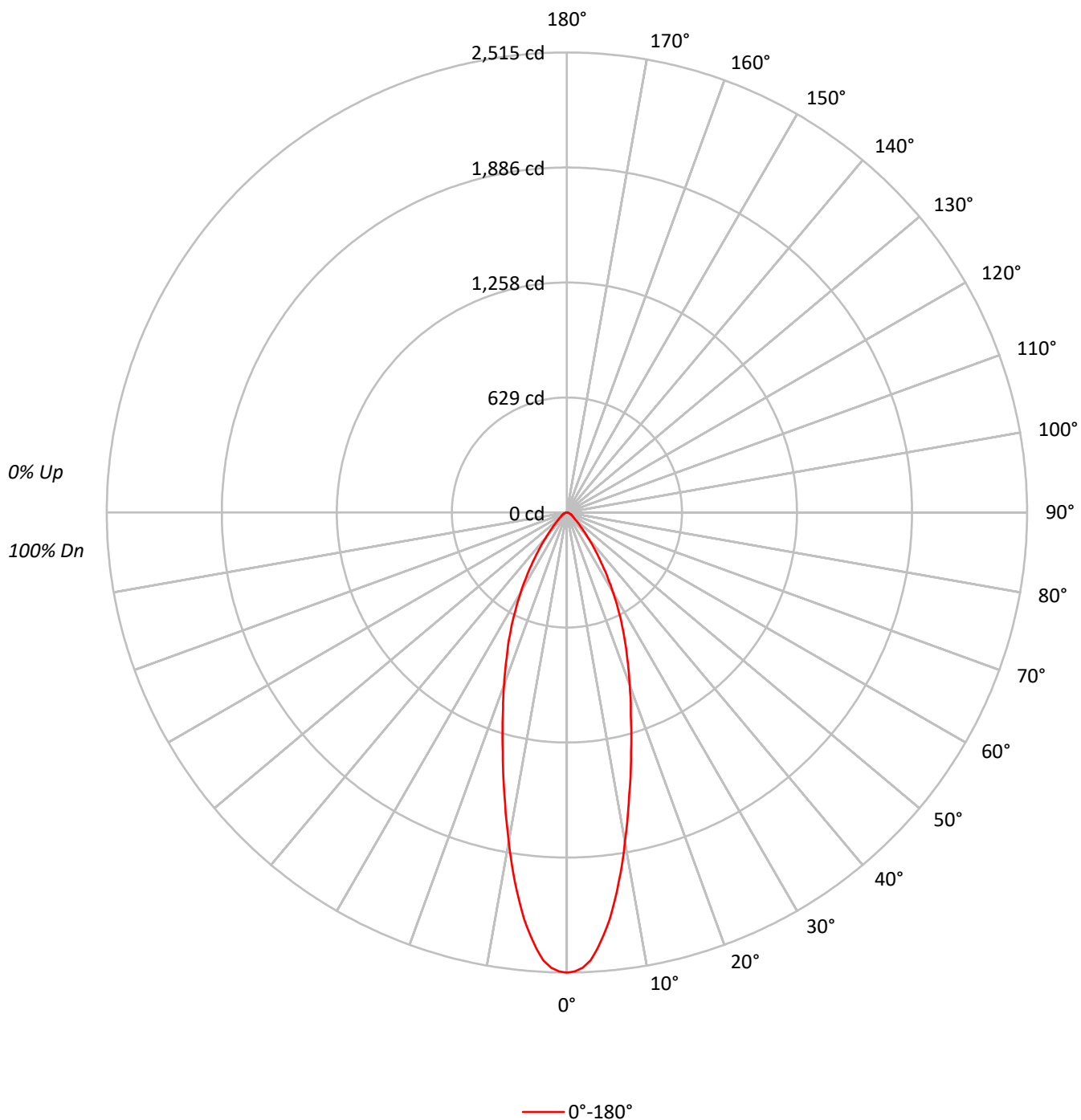
Lumens per Lamp: N/A
Luminaire Lumens: 1279.0 lumens
Efficiency: N/A
Efficacy: 44.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1258364

CATALOG NUMBER: P3AS24R159040D010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1258364

CATALOG NUMBER: P3AS24R159040D010 E3DLP1LI

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	551535
5°	509750
10°	406962
15°	307425
20°	234100
25°	178389
30°	127792
35°	83386
40°	51124
45°	30918
50°	20537
55°	15866
60°	13683
65°	11830
70°	10643
75°	10590
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30918 cd/sqm

TEST NUMBER: P1258364

CATALOG NUMBER: P3AS24R159040D010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.1	16.0
10°-20°	378.5	29.6
20°-30°	337.0	26.3
30°-40°	199.3	15.6
40°-50°	81.8	6.4
50°-60°	38.4	3.0
60°-70°	23.4	1.8
70°-80°	12.3	1.0
80°-90°	3.1	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°	920.6	72.0
0°-40°	1120.0	87.6
0°-60°	1240.2	97.0
0°-90°	1279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1279.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2515	
5°	2316	205
15°	1354	378
25°	737	337
35°	312	199
45°	100	82
55°	42	38
65°	23	23
75°	12	12
85°	2	3
90°	0	

TEST NUMBER: P1258364

CATALOG NUMBER: P3AS24R159040D010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	2515.2
1°	2509.0
2°	2490.3
3°	2452.9
4°	2390.6
5°	2315.8
6°	2234.8
7°	2139.3
8°	2039.6
9°	1937.8
10°	1827.7
12.5°	1576.4
15°	1354.2
17.5°	1163.1
20°	1003.2
22.5°	861.9
25°	737.3
27.5°	616.9
30°	504.7
32.5°	402.9
35°	311.5
37.5°	238.8
40°	178.6
42.5°	132.9
45°	99.7
47.5°	76.8
50°	60.2
52.5°	49.8
55°	41.5
57.5°	35.3
60°	31.2
62.5°	27.0
65°	22.8
67.5°	20.8
70°	16.6
72.5°	14.5
75°	12.5
77.5°	8.3
80°	6.2
82.5°	4.2
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)