

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: P1250233

Luminaire Tested: P3AS24R159027D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250233
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: P3AS24R159027D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

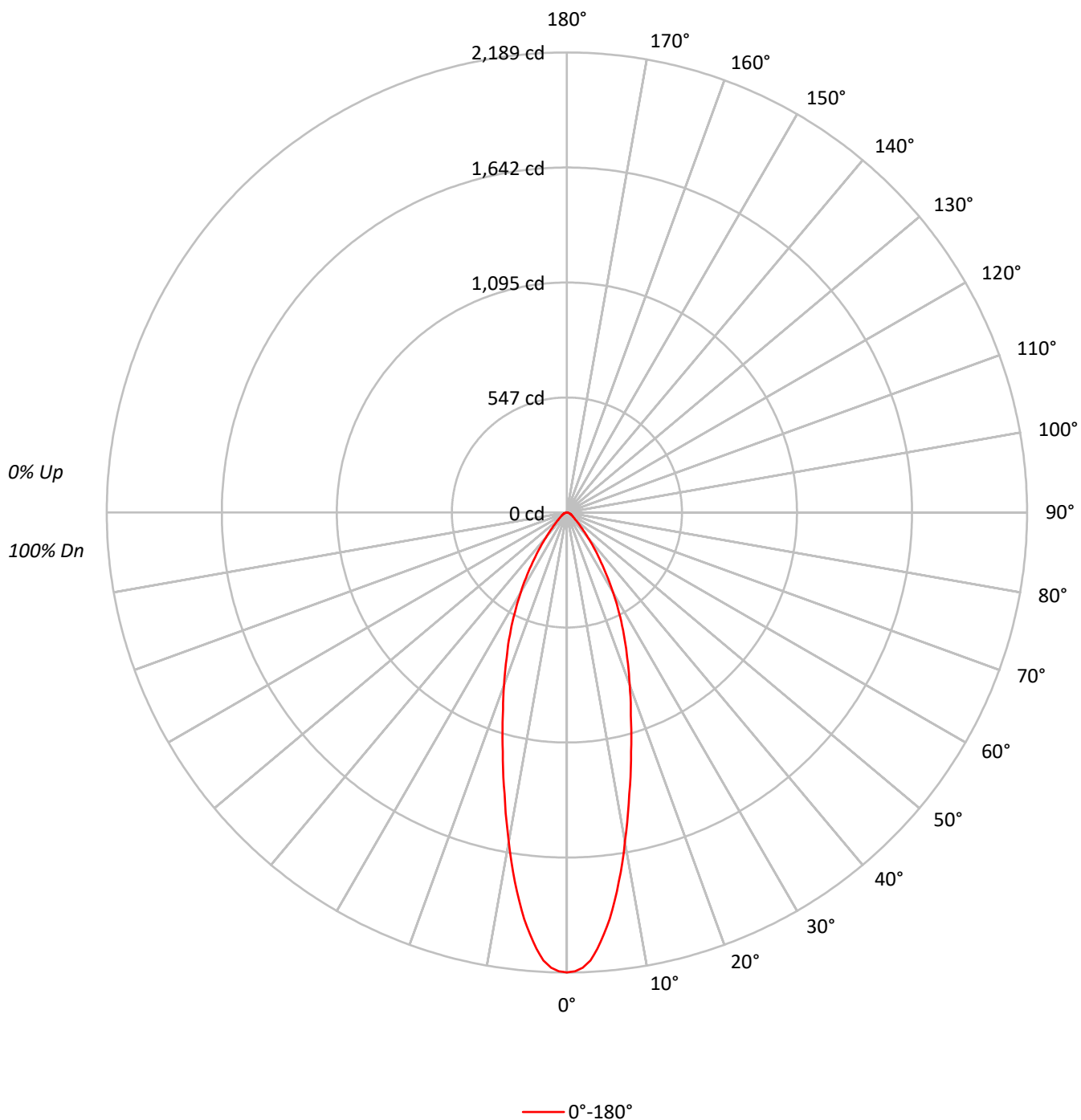
Lumens per Lamp: N/A
Luminaire Lumens: 1113.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1250233

CATALOG NUMBER: P3AS24R159027D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1250233

CATALOG NUMBER: P3AS24R159027D010 E3DL1WH

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°	479940
5°	443582
10°	354146
15°	267516
20°	203718
25°	155235
30°	111207
35°	72571
40°	44483
45°	26918
50°	17876
55°	13801
60°	11885
65°	10325
70°	9296
75°	9150
80°	6819
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26918 cd/sqm

TEST NUMBER: P1250233

CATALOG NUMBER: P3AS24R159027D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.5	16.0
10°-20°	329.4	29.6
20°-30°	293.2	26.3
30°-40°	173.5	15.6
40°-50°	71.2	6.4
50°-60°	33.4	3.0
60°-70°	20.3	1.8
70°-80°	10.7	1.0
80°-90°	2.7	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°	801.1	72.0
0°-40°	974.6	87.6
0°-60°	1079.2	97.0
0°-90°	1113.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1113.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2189	
5°	2015	179
15°	1178	329
25°	642	293
35°	271	173
45°	87	71
55°	36	33
65°	20	20
75°	11	11
85°	2	3
90°	0	

TEST NUMBER: P1250233

CATALOG NUMBER: P3AS24R159027D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2188.7
1°	2183.3
2°	2167.1
3°	2134.5
4°	2080.3
5°	2015.2
6°	1944.8
7°	1861.6
8°	1774.9
9°	1686.3
10°	1590.5
12.5°	1371.8
15°	1178.4
17.5°	1012.1
20°	873.0
22.5°	750.1
25°	641.6
27.5°	536.8
30°	439.2
32.5°	350.6
35°	271.1
37.5°	207.8
40°	155.4
42.5°	115.7
45°	86.8
47.5°	66.9
50°	52.4
52.5°	43.4
55°	36.1
57.5°	30.7
60°	27.1
62.5°	23.5
65°	19.9
67.5°	18.1
70°	14.5
72.5°	12.7
75°	10.8
77.5°	7.2
80°	5.4
82.5°	3.6
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)