

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: P1253242

Luminaire Tested: P3AS24R659030D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253242
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659030D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

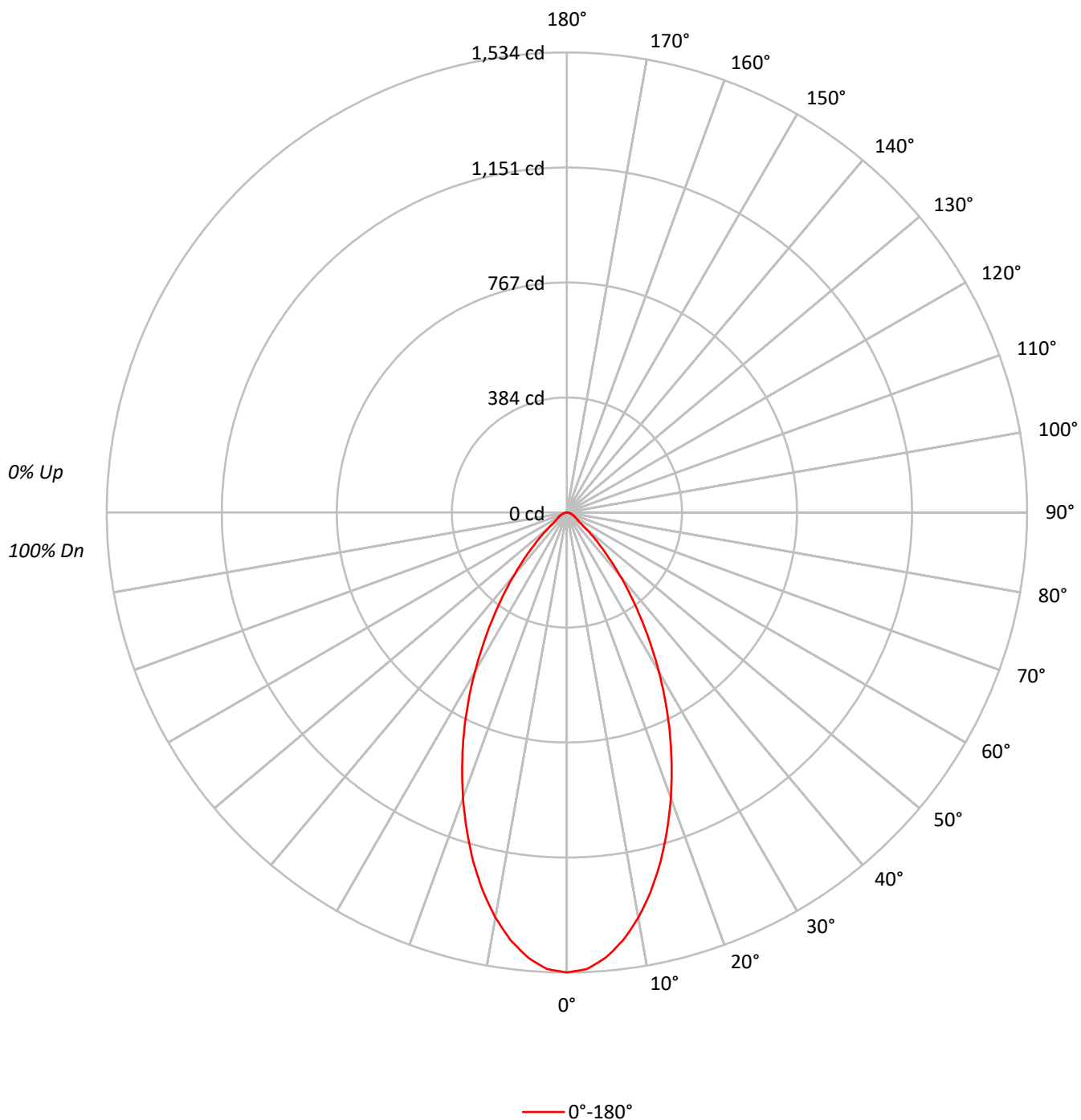
Lumens per Lamp: N/A
Luminaire Lumens: 1323.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253242

CATALOG NUMBER: P3AS24R659030D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1253242

CATALOG NUMBER: P3AS24R659030D010 E3DLP1MW

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	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	336289
5°	327910
10°	305361
15°	273668
20°	236341
25°	196608
30°	155037
35°	114894
40°	79177
45°	49090
50°	26677
55°	16783
60°	14209
65°	12868
70°	11028
75°	9658
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 49090 cd/sqm

TEST NUMBER: P1253242

CATALOG NUMBER: P3AS24R659030D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.4	10.5
10°-20°	335.0	25.3
20°-30°	370.5	28.0
30°-40°	269.1	20.3
40°-50°	126.0	9.5
50°-60°	42.4	3.2
60°-70°	24.5	1.9
70°-80°	12.8	1.0
80°-90°	4.1	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°	843.9	63.8
0°-40°	1113.0	84.1
0°-60°	1281.5	96.9
0°-90°	1323.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1323.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1534	
5°	1490	138
15°	1206	335
25°	813	370
35°	429	269
45°	158	126
55°	44	42
65°	25	25
75°	11	13
85°	4	4
90°	0	

TEST NUMBER: P1253242

CATALOG NUMBER: P3AS24R659030D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1533.6
2.5°	1524.0
5°	1489.7
7.5°	1438.2
10°	1371.4
12.5°	1293.2
15°	1205.5
17.5°	1110.1
20°	1012.8
22.5°	911.8
25°	812.6
27.5°	711.5
30°	612.3
32.5°	516.9
35°	429.2
37.5°	349.1
40°	276.6
42.5°	211.7
45°	158.3
47.5°	114.4
50°	78.2
52.5°	53.4
55°	43.9
57.5°	38.1
60°	32.4
62.5°	28.6
65°	24.8
67.5°	21.0
70°	17.2
72.5°	15.3
75°	11.4
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)