

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: P1253232

Luminaire Tested: P3AS24R659030D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253232
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659030D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

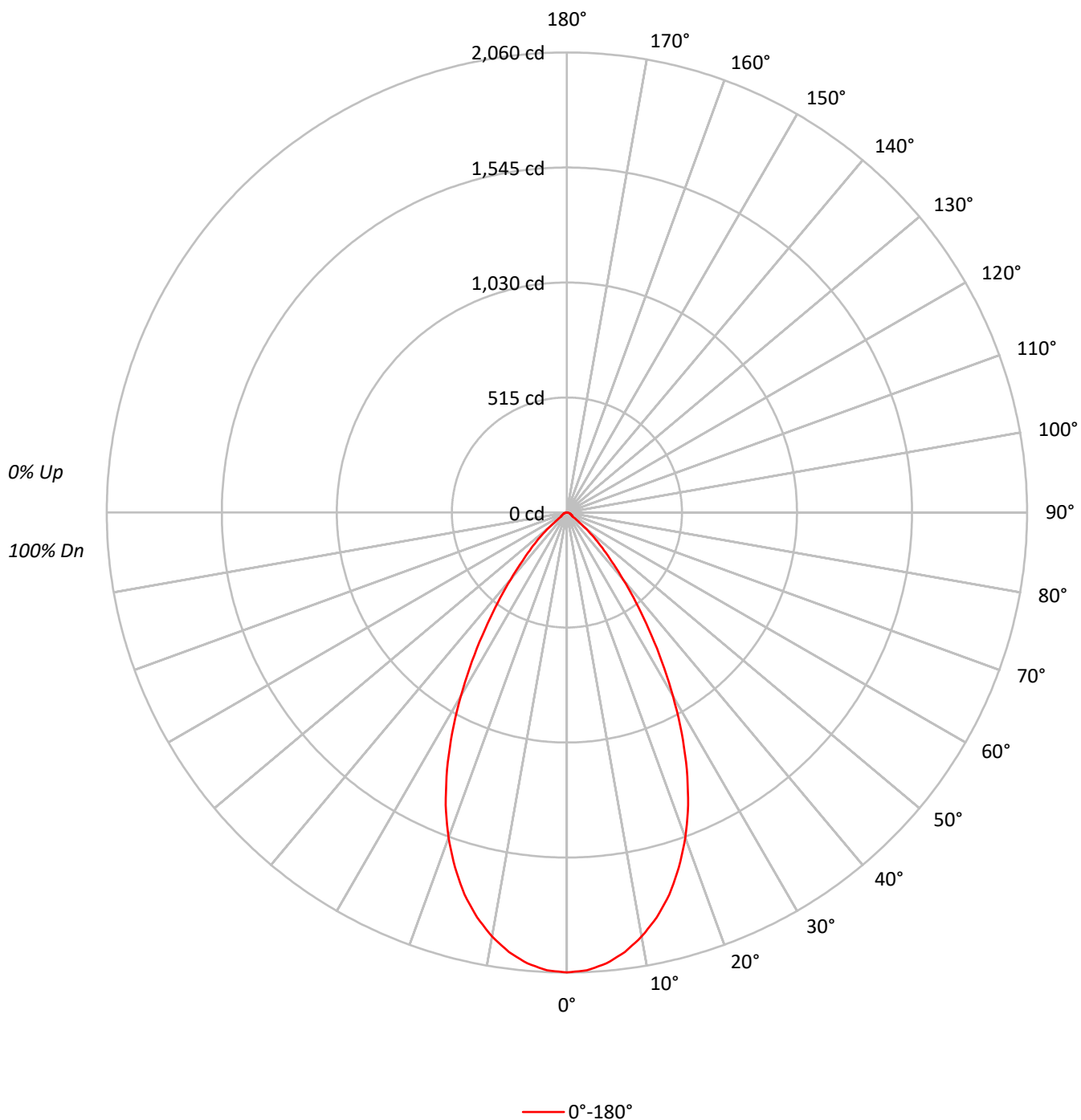
Lumens per Lamp: N/A
Luminaire Lumens: 1915.0 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253232

CATALOG NUMBER: P3AS24R659030D010 E3DL1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1253232

CATALOG NUMBER: P3AS24R659030D010 E3DL1WMH

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	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	451609
5°	446202
10°	429251
15°	402114
20°	361675
25°	307106
30°	240189
35°	171162
40°	112010
45°	69247
50°	35172
55°	12387
60°	10876
65°	10896
70°	9809
75°	9743
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 69247 cd/sqm

TEST NUMBER: P1253232

CATALOG NUMBER: P3AS24R659030D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.3	9.9
10°-20°	493.0	25.7
20°-30°	576.1	30.1
30°-40°	402.6	21.0
40°-50°	177.2	9.3
50°-60°	39.4	2.1
60°-70°	20.1	1.0
70°-80°	12.1	0.6
80°-90°	4.1	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°	1259.4	65.8
0°-40°	1662.0	86.8
0°-60°	1878.7	98.1
0°-90°	1915.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1915.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2060	
5°	2027	190
15°	1771	493
25°	1269	576
35°	639	403
45°	223	177
55°	32	39
65°	21	20
75°	12	12
85°	4	4
90°	0	

TEST NUMBER: P1253232

CATALOG NUMBER: P3AS24R659030D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2059.5
2.5°	2051.9
5°	2027.1
7.5°	1985.1
10°	1927.8
12.5°	1857.2
15°	1771.3
17.5°	1666.3
20°	1549.9
22.5°	1418.2
25°	1269.3
27.5°	1112.8
30°	948.6
32.5°	790.2
35°	639.4
37.5°	507.7
40°	391.3
42.5°	295.9
45°	223.3
47.5°	164.2
50°	103.1
52.5°	53.4
55°	32.4
57.5°	28.6
60°	24.8
62.5°	22.9
65°	21.0
67.5°	17.2
70°	15.3
72.5°	13.4
75°	11.5
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)