

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: P1253236

Luminaire Tested: P3AS24R659030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253236
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

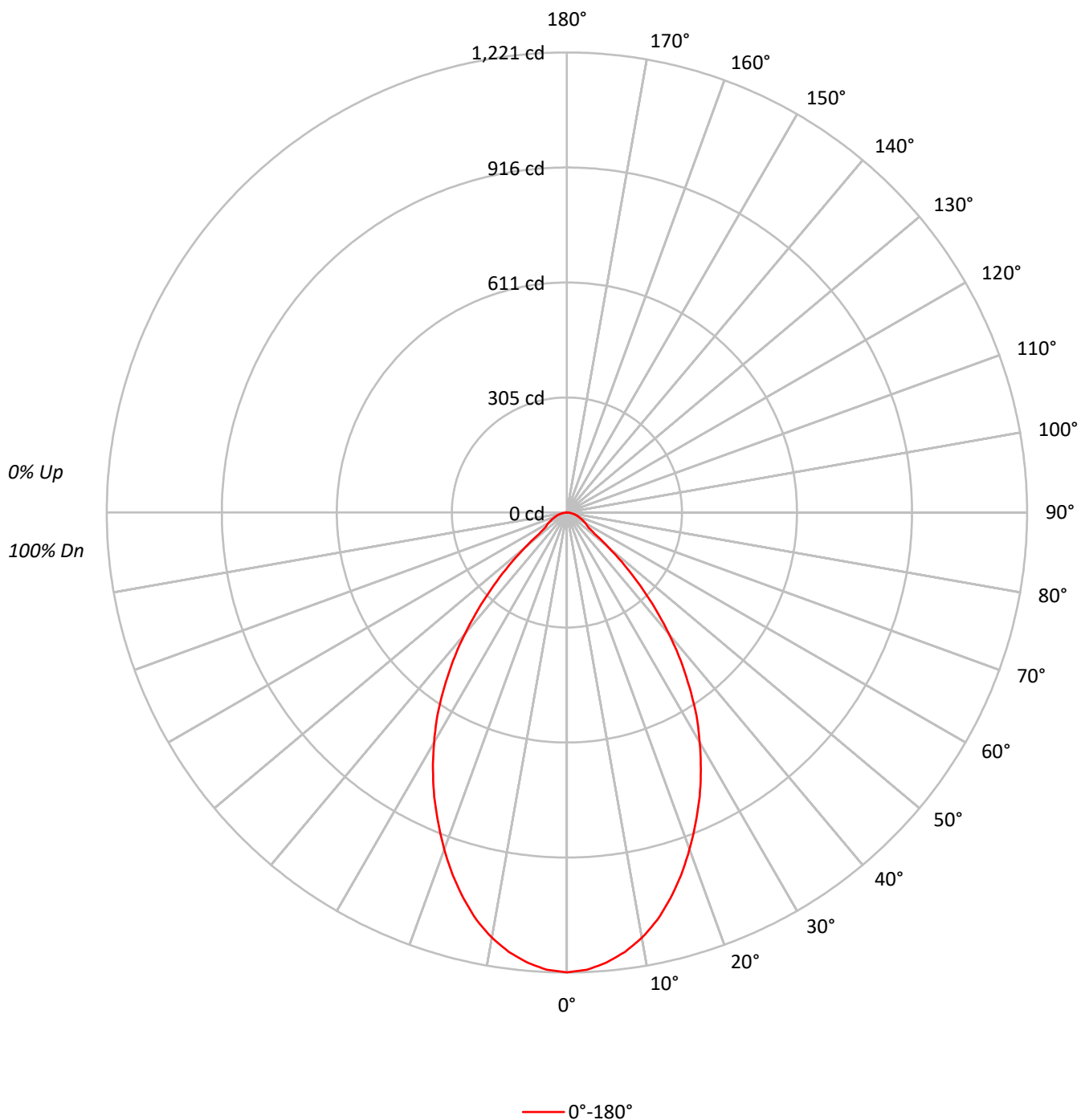
Lumens per Lamp: N/A
Luminaire Lumens: 1504.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	267654
5°	264032
10°	255195
15°	240660
20°	221966
25°	201496
30°	178458
35°	151862
40°	120826
45°	85311
50°	49534
55°	27029
60°	25130
65°	22778
70°	20837
75°	19402
80°	16921
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 85311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.8	7.5
10°-20°	296.6	19.7
20°-30°	381.2	25.3
30°-40°	352.6	23.4
40°-50°	212.9	14.2
50°-60°	72.6	4.8
60°-70°	43.7	2.9
70°-80°	24.7	1.6
80°-90°	7.0	0.5
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°	790.6	52.6
0°-40°	1143.1	76.0
0°-60°	1428.6	95.0
0°-90°	1504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1221	
5°	1200	113
15°	1060	297
25°	833	381
35°	567	353
45°	275	213
55°	71	73
65°	44	44
75°	23	25
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1220.6
2.5°	1214.8
5°	1199.5
7.5°	1176.6
10°	1146.1
12.5°	1107.9
15°	1060.1
17.5°	1008.5
20°	951.2
22.5°	892.0
25°	832.8
27.5°	769.8
30°	704.8
32.5°	639.9
35°	567.3
37.5°	496.6
40°	422.1
42.5°	347.6
45°	275.1
47.5°	208.2
50°	145.2
52.5°	91.7
55°	70.7
57.5°	63.0
60°	57.3
62.5°	49.7
65°	43.9
67.5°	38.2
70°	32.5
72.5°	28.7
75°	22.9
77.5°	19.1
80°	13.4
82.5°	9.6
85°	5.7
87.5°	3.8
90°	0.0

(END OF REPORT)