

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: P1261243

Luminaire Tested: P3AS24R659050D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261243
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: P3AS24R659050D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

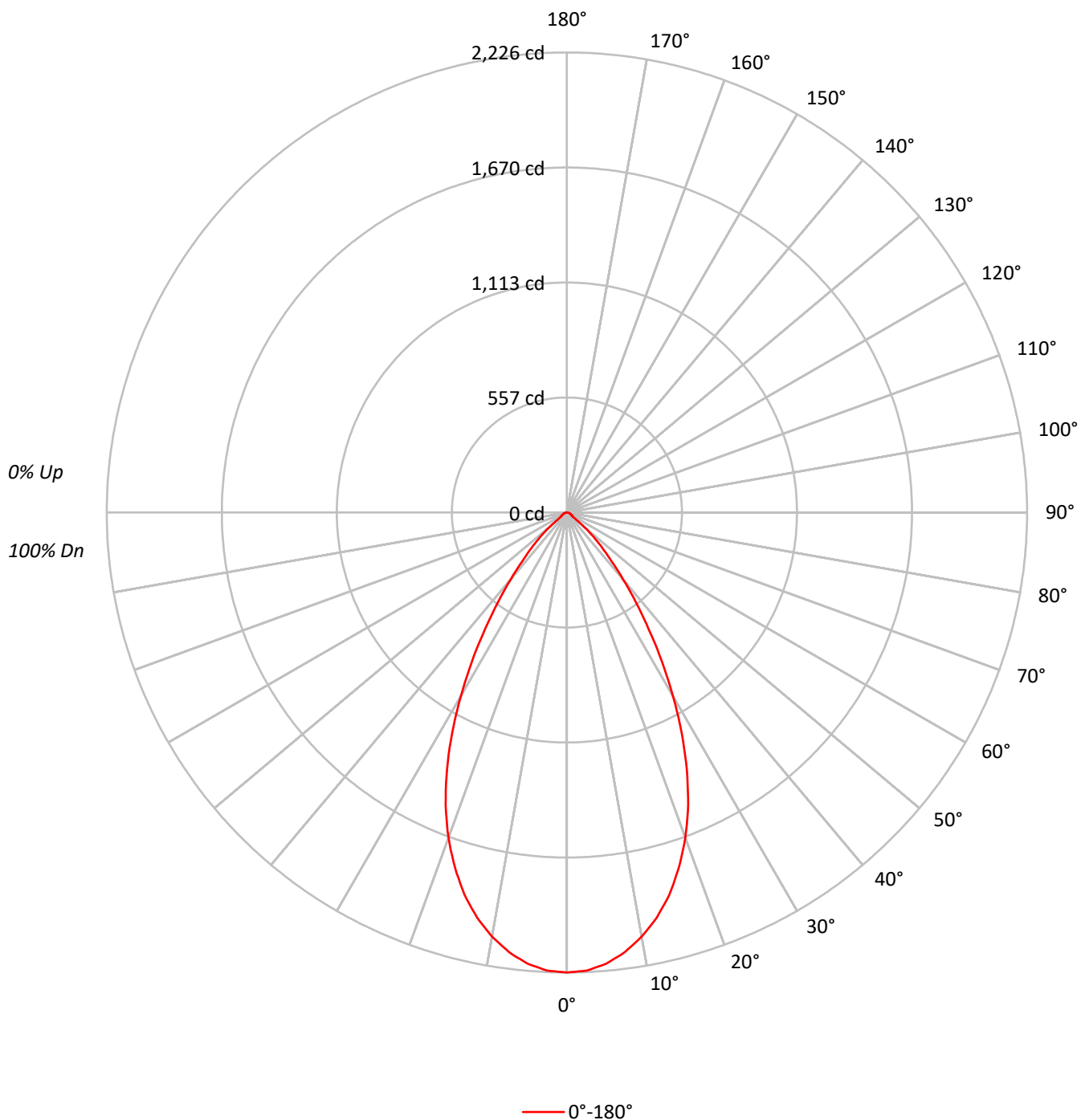
Lumens per Lamp: N/A
Luminaire Lumens: 2070.0 lumens
Efficiency: N/A
Efficacy: 71.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	488163
5°	482301
10°	464008
15°	434668
20°	390937
25°	331955
30°	259635
35°	185029
40°	121084
45°	74860
50°	38003
55°	13419
60°	11753
65°	11778
70°	10579
75°	10506
80°	10481
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 74860 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.7	9.9
10°-20°	532.9	25.7
20°-30°	622.8	30.1
30°-40°	435.2	21.0
40°-50°	191.6	9.3
50°-60°	42.6	2.1
60°-70°	21.7	1.0
70°-80°	13.1	0.6
80°-90°	4.5	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°	1361.4	65.8
0°-40°	1796.6	86.8
0°-60°	2030.8	98.1
0°-90°	2070.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2070.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2226	
5°	2191	206
15°	1915	533
25°	1372	623
35°	691	435
45°	241	192
55°	35	43
65°	23	22
75°	12	13
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2226.2
2.5°	2218.0
5°	2191.1
7.5°	2145.7
10°	2083.9
12.5°	2007.5
15°	1914.7
17.5°	1801.2
20°	1675.3
22.5°	1533.0
25°	1372.0
27.5°	1202.9
30°	1025.4
32.5°	854.2
35°	691.2
37.5°	548.8
40°	423.0
42.5°	319.8
45°	241.4
47.5°	177.4
50°	111.4
52.5°	57.8
55°	35.1
57.5°	30.9
60°	26.8
62.5°	24.8
65°	22.7
67.5°	18.6
70°	16.5
72.5°	14.4
75°	12.4
77.5°	10.3
80°	8.3
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)