

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: P1250525

Luminaire Tested: P3AS24R659027D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250525
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: P3AS24R659027D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

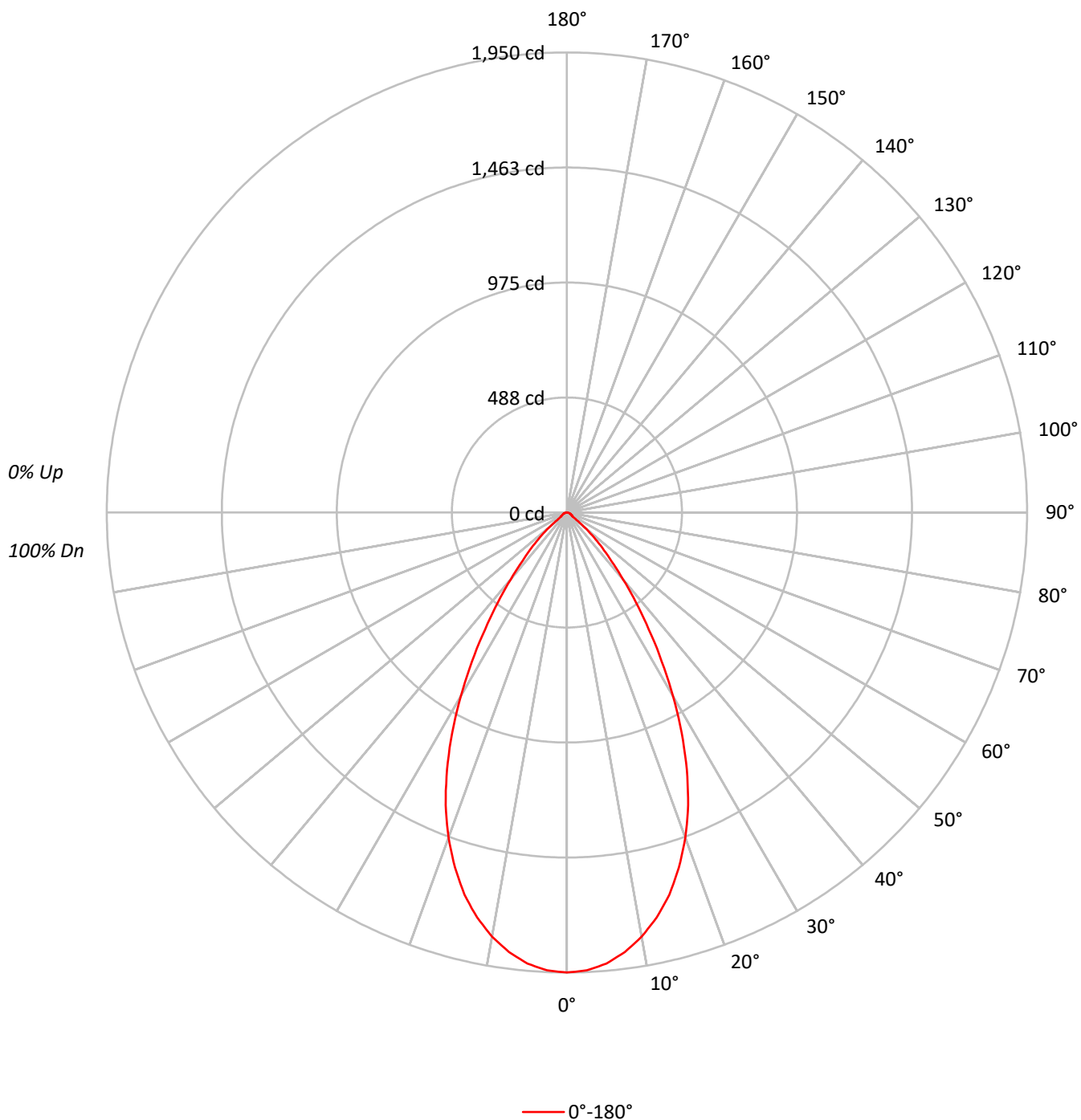
Lumens per Lamp: N/A
Luminaire Lumens: 1813.0 lumens
Efficiency: N/A
Efficacy: 63.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	427553
5°	422429
10°	406383
15°	380706
20°	342400
25°	290751
30°	227402
35°	162061
40°	106027
45°	65557
50°	33295
55°	11737
60°	10306
65°	10325
70°	9296
75°	9150
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 65557 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.2	9.9
10°-20°	466.7	25.7
20°-30°	545.4	30.1
30°-40°	381.2	21.0
40°-50°	167.8	9.3
50°-60°	37.3	2.1
60°-70°	19.0	1.0
70°-80°	11.4	0.6
80°-90°	3.9	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°	1192.3	65.8
0°-40°	1573.5	86.8
0°-60°	1778.6	98.1
0°-90°	1813.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1813.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1950	
5°	1919	180
15°	1677	467
25°	1202	545
35°	605	381
45°	211	168
55°	31	37
65°	20	19
75°	11	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1949.8
2.5°	1942.6
5°	1919.1
7.5°	1879.3
10°	1825.1
12.5°	1758.3
15°	1677.0
17.5°	1577.6
20°	1467.3
22.5°	1342.6
25°	1201.7
27.5°	1053.5
30°	898.1
32.5°	748.1
35°	605.4
37.5°	480.7
40°	370.4
42.5°	280.1
45°	211.4
47.5°	155.4
50°	97.6
52.5°	50.6
55°	30.7
57.5°	27.1
60°	23.5
62.5°	21.7
65°	19.9
67.5°	16.3
70°	14.5
72.5°	12.6
75°	10.8
77.5°	9.0
80°	7.2
82.5°	5.4
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)