

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: P1255668

Luminaire Tested: P3A24R209035D010 E3CD1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255668
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R209035D010 E3CD1MMS
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

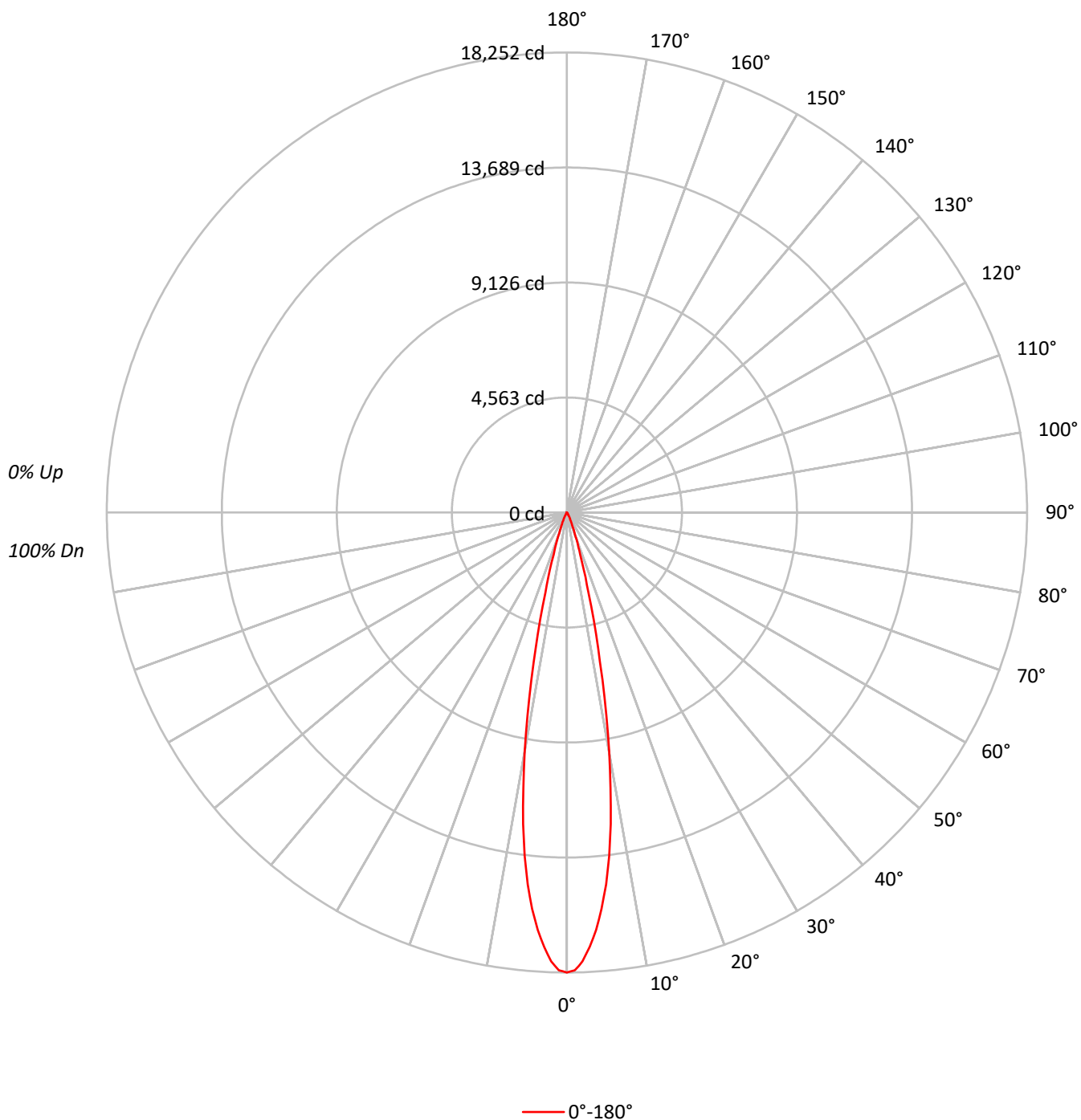
Lumens per Lamp: N/A
Luminaire Lumens: 2577.0 lumens
Efficiency: N/A
Efficacy: 89.5 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98		
2	112	109	107	104	110	108	105	103	104	103	101	102	100	99	99	98	97	95		
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	93		
4	107	102	99	96	105	101	98	96	99	97	95	97	95	93	96	94	92	91		
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	90		
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	88		
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	86		
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	85		
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	83		
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	87	84	82	82		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	4002377
5°	3473929
10°	2146520
15°	745543
20°	228967
25°	80932
30°	29954
35°	12019
40°	6412
45°	2543
50°	1399
55°	1567
60°	1798
65°	1038
70°	1282
75°	1694
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2543 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1309.8	50.8
10°-20°	1039.2	40.3
20°-30°	179.9	7.0
30°-40°	32.7	1.3
40°-50°	7.5	0.3
50°-60°	3.7	0.1
60°-70°	2.2	0.1
70°-80°	1.8	0.1
80°-90°	0.0	0.0
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°	2529.0	98.1
0°-40°	2561.7	99.4
0°-60°	2572.9	99.8
0°-90°	2577.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2577.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	18252	
5°	15782	###
15°	3284	1039
25°	334	180
35°	45	33
45°	8	8
55°	4	4
65°	2	2
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	18252.3
1°	18164.6
2°	17817.8
3°	17260.9
4°	16608.2
5°	15782.1
6°	14835.6
7°	13734.1
8°	12479.6
9°	11070.1
10°	9640.2
12.5°	6080.7
15°	3284.1
17.5°	1754.2
20°	981.2
22.5°	560.9
25°	334.5
27.5°	204.0
30°	118.3
32.5°	69.4
35°	44.9
37.5°	30.6
40°	22.4
42.5°	14.3
45°	8.2
47.5°	4.1
50°	4.1
52.5°	4.1
55°	4.1
57.5°	4.1
60°	4.1
62.5°	2.0
65°	2.0
67.5°	2.0
70°	2.0
72.5°	2.0
75°	2.0
77.5°	2.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)