

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: P1306985

Luminaire Tested: P3SQAS17R129027DE010 E3SQCD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306985
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R129027DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

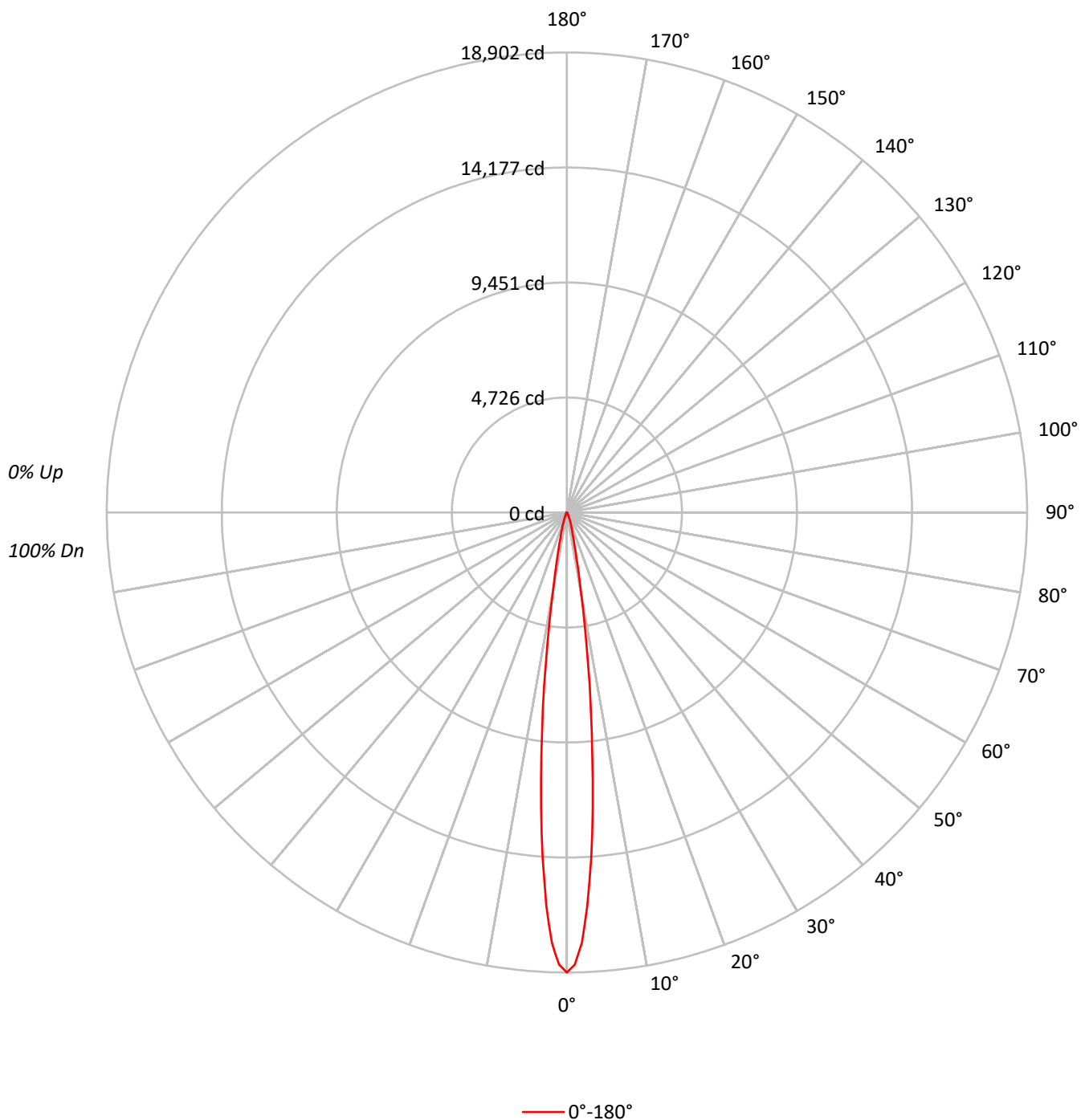
Lumens per Lamp: N/A
Luminaire Lumens: 1283.0 lumens
Efficiency: N/A
Efficacy: 56.0 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	116	114	113	111	114	112	111	109	108	107	106		104	104	103		101	101	100	98
2	113	110	108	106	111	108	106	104	105	104	102		103	101	100		100	99	98	97
3	110	107	104	102	109	105	103	101	103	101	99		101	99	98		99	98	96	95
4	108	104	101	98	107	103	100	98	101	99	97		99	97	96		98	96	95	94
5	106	102	98	96	105	101	98	96	99	97	95		98	96	94		97	95	93	92
6	104	99	96	94	103	99	96	94	98	95	93		96	94	93		95	93	92	91
7	102	98	94	92	101	97	94	92	96	93	92		95	93	91		94	92	91	90
8	101	96	93	91	100	95	93	90	95	92	90		94	92	90		93	91	90	89
9	99	94	91	89	98	94	91	89	93	91	89		93	90	89		92	90	88	88
10	98	93	90	88	97	93	90	88	92	90	88		91	89	88		91	89	87	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3255283
5°	2103333
10°	593453
15°	167796
20°	70158
25°	31069
30°	15869
35°	8389
40°	3597
45°	974
50°	1072
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 1072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	857.2	66.8
10°-20°	311.0	24.2
20°-30°	83.3	6.5
30°-40°	26.2	2.0
40°-50°	4.9	0.4
50°-60°	0.4	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	1251.5	97.5
0°-40°	1277.7	99.6
0°-60°	1283.0	100.0
0°-90°	1283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1283.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	18902	
5°	12166	857
15°	941	311
25°	164	83
35°	40	26
45°	4	5
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	18901.6
1°	18582.6
2°	17685.4
3°	16150.1
4°	14244.0
5°	12166.4
6°	10001.1
7°	8063.1
8°	6204.8
9°	4617.7
10°	3393.5
11°	2500.3
12°	1882.2
13°	1459.5
14°	1156.4
15°	941.1
17.5°	598.2
20°	382.8
22.5°	247.2
25°	163.5
27.5°	111.7
30°	79.8
32.5°	55.8
35°	39.9
37.5°	27.9
40°	16.0
42.5°	8.0
45°	4.0
47.5°	4.0
50°	4.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)