

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: P1274325

Luminaire Tested: P3AS17R259830DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274325
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259830DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

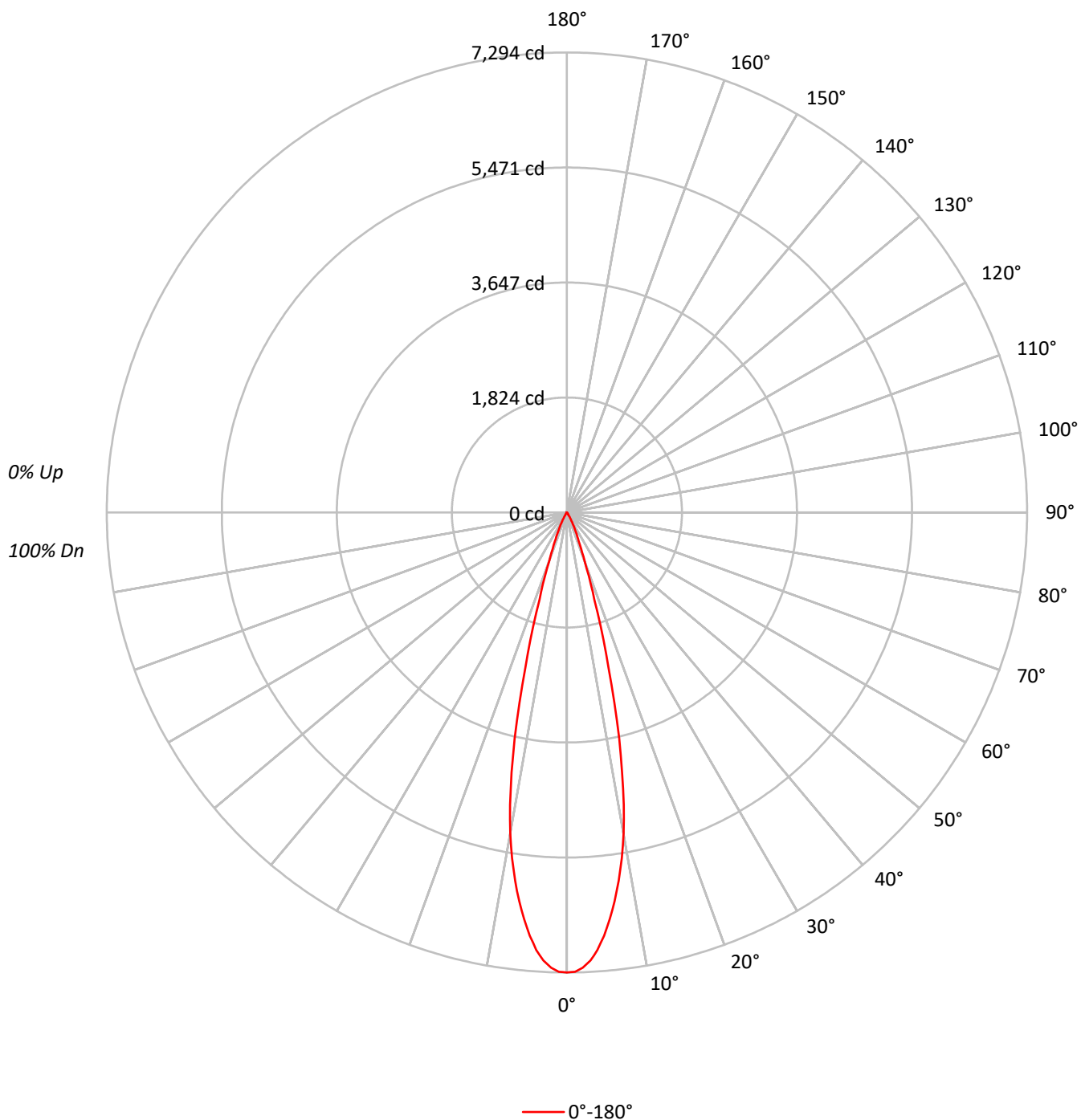
Lumens per Lamp: N/A
Luminaire Lumens: 1496.1 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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

TEST NUMBER: P1274325

CATALOG NUMBER: P3AS17R259830DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274325

CATALOG NUMBER: P3AS17R259830DE010 E3CD1MW

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	115	113	111	110	113	111	109	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	88	85	96	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	82	88	84	82		87	84	82		86
9	93	87	83	80	92	86	83	80	86	82	80		85	82	80		84
10	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1599433
5°	1483443
10°	1150435
15°	576848
20°	189506
25°	75367
30°	28283
35°	8191
40°	3693
45°	1458
50°	1194
55°	918
60°	1053
65°	1245
70°	769
75°	1017
80°	1515
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1515 cd/sqm

TEST NUMBER: P1274325

CATALOG NUMBER: P3AS17R259830DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	592.8	39.6
10°-20°	707.2	47.3
20°-30°	159.4	10.7
30°-40°	25.9	1.7
40°-50°	4.7	0.3
50°-60°	2.5	0.2
60°-70°	2.2	0.1
70°-80°	1.3	0.1
80°-90°	0.2	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°	1459.4	97.5
0°-40°	1485.3	99.3
0°-60°	1492.4	99.8
0°-90°	1496.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1496.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7294	
5°	6739	593
15°	2541	707
25°	312	159
35°	31	26
45°	5	5
55°	2	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1274325

CATALOG NUMBER: P3AS17R259830DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	7294.0
1°	7282.3
2°	7223.5
3°	7115.4
4°	6952.0
5°	6739.3
6°	6485.4
7°	6210.4
8°	5895.4
9°	5551.0
10°	5166.7
11°	4723.6
12°	4213.5
13°	3679.9
14°	3107.5
15°	2541.0
17.5°	1448.0
20°	812.1
22.5°	490.1
25°	311.5
27.5°	191.6
30°	111.7
32.5°	58.8
35°	30.6
37.5°	20.0
40°	12.9
42.5°	8.2
45°	4.7
47.5°	3.5
50°	3.5
52.5°	3.5
55°	2.4
57.5°	2.4
60°	2.4
62.5°	2.4
65°	2.4
67.5°	2.4
70°	1.2
72.5°	1.2
75°	1.2
77.5°	1.2
80°	1.2
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1274325

CATALOG NUMBER: P3AS17R259830DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)