

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: P1274357

Luminaire Tested: P3AS17R309830DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274357
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309830DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

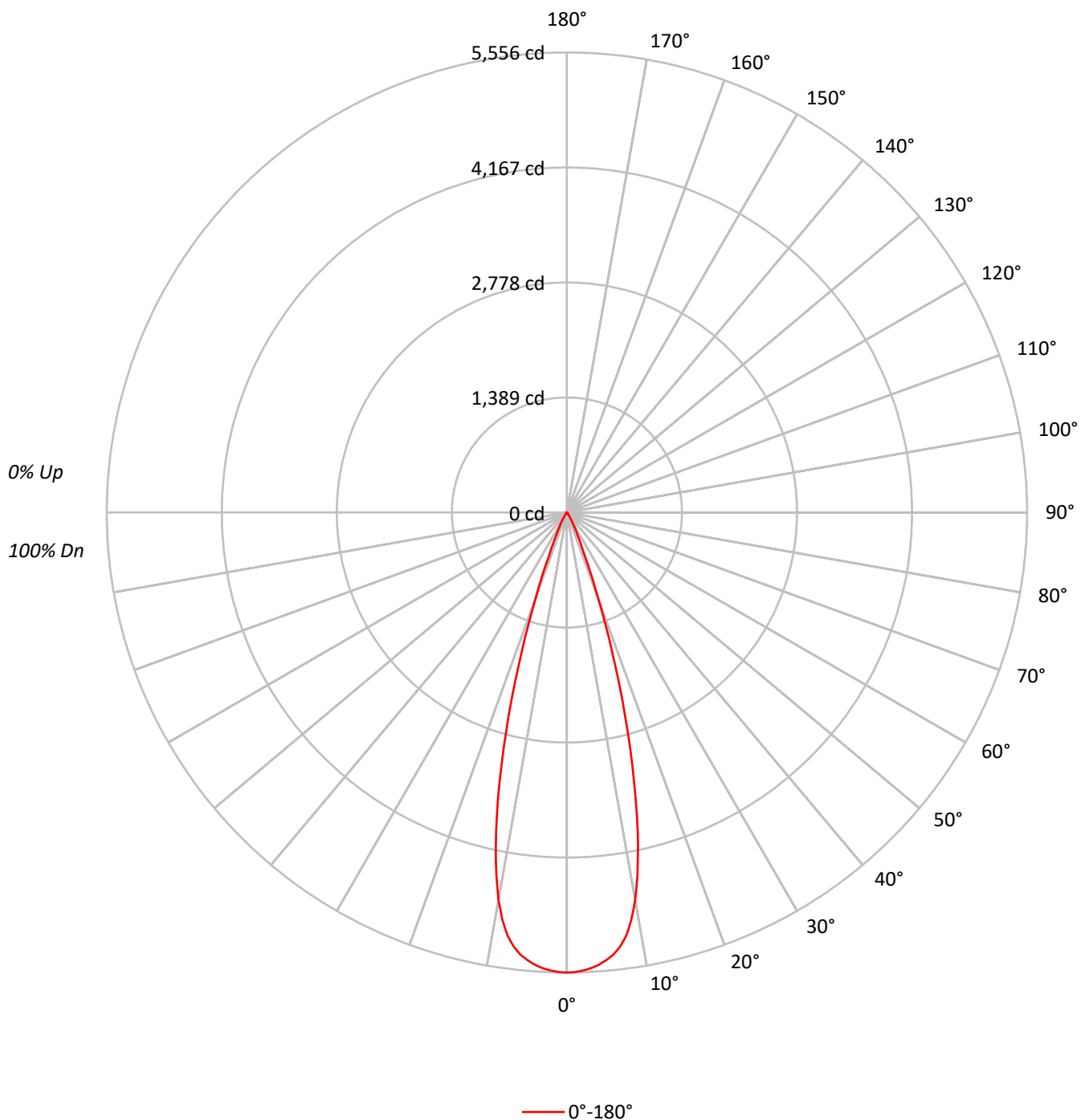
Lumens per Lamp: N/A
Luminaire Lumens: 1496.1 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274357

CATALOG NUMBER: P3AS17R309830DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274357

CATALOG NUMBER: P3AS17R309830DE010 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	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	104	101	103	101	99		100	99	97		98
3	108	103	100	97	106	102	99	96	100	97	95		97	95	93		95
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		93
5	102	96	92	89	100	95	91	89	94	90	88		92	89	87		91
6	99	93	89	86	98	92	88	86	91	88	85		90	87	85		89
7	96	90	86	83	95	89	86	83	88	85	82		87	84	82		86
8	94	87	83	81	93	87	83	80	86	83	80		85	82	80		84
9	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82
10	89	83	79	76	88	82	78	76	82	78	76		81	78	76		80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1218258
5°	1195220
10°	1058074
15°	670356
20°	254472
25°	75343
30°	29751
35°	9128
40°	4036
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: P1274357

CATALOG NUMBER: P3AS17R309830DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	499.2	33.4
10°-20°	777.9	52.0
20°-30°	180.6	12.1
30°-40°	28.0	1.9
40°-50°	4.8	0.3
50°-60°	2.3	0.2
60°-70°	1.9	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°	1457.7	97.4
0°-40°	1485.7	99.3
0°-60°	1492.7	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°	5556	
5°	5430	499
15°	2953	778
25°	311	181
35°	34	28
45°	5	5
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1274357

CATALOG NUMBER: P3AS17R309830DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	5555.7
1°	5552.1
2°	5536.9
3°	5511.0
4°	5478.1
5°	5429.9
6°	5370.0
7°	5280.7
8°	5158.5
9°	4978.7
10°	4751.9
11°	4459.3
12°	4129.1
13°	3762.5
14°	3359.5
15°	2952.9
17.5°	1931.8
20°	1090.5
22.5°	557.0
25°	311.4
27.5°	191.5
30°	117.5
32.5°	63.5
35°	34.1
37.5°	22.3
40°	14.1
42.5°	8.2
45°	4.7
47.5°	3.5
50°	3.5
52.5°	2.4
55°	2.4
57.5°	2.4
60°	2.4
62.5°	2.4
65°	2.4
67.5°	1.2
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: P1274357

CATALOG NUMBER: P3AS17R309830DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)