

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: P1274378

Luminaire Tested: P3AS17R309830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274378
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

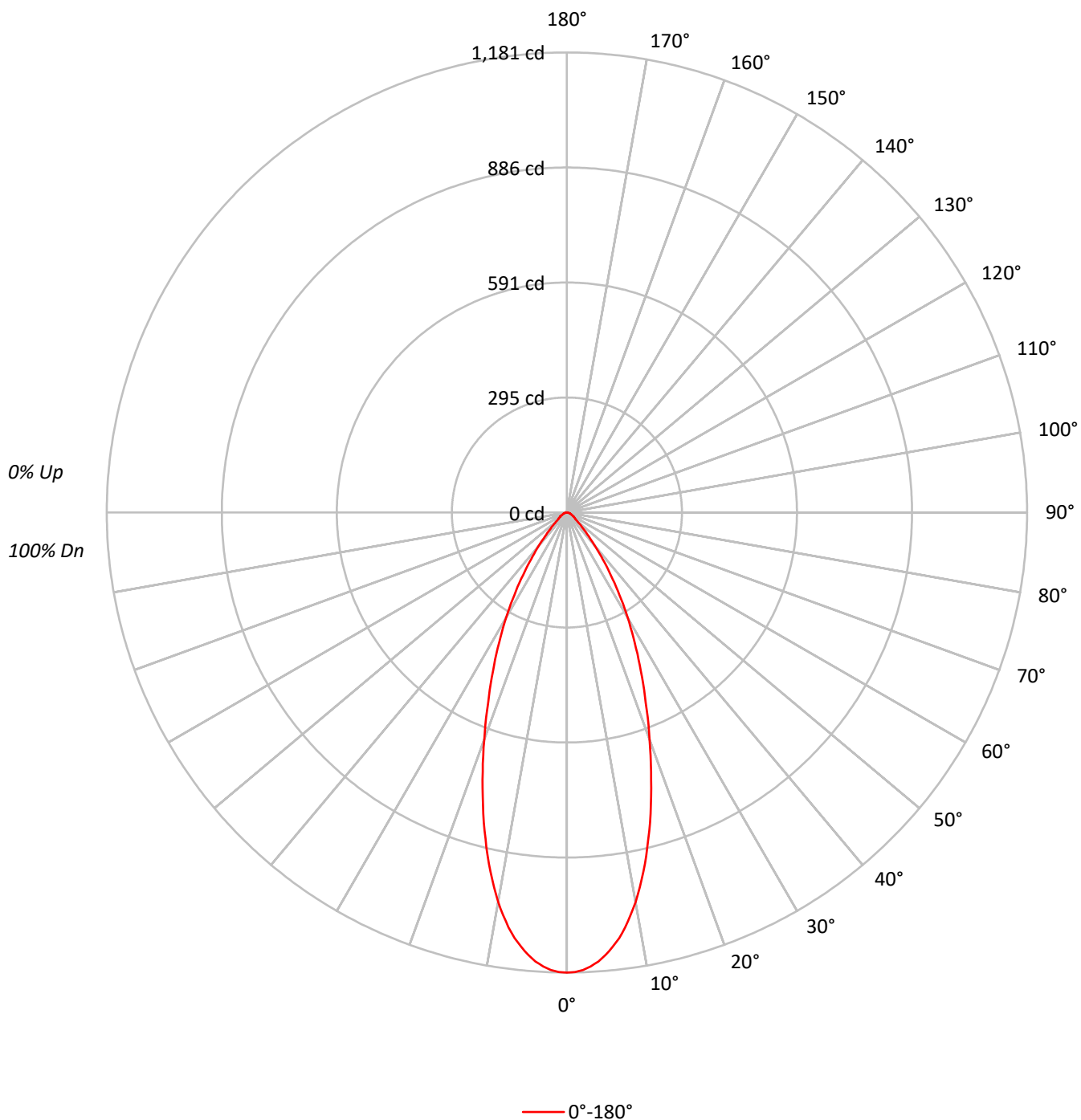
Lumens per Lamp: N/A
Luminaire Lumens: 758.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274378

CATALOG NUMBER: P3AS17R309830DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274378

CATALOG NUMBER: P3AS17R309830DE010 E3DLP1MW

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	259014
5°	250957
10°	226115
15°	187039
20°	144819
25°	108635
30°	78873
35°	52548
40°	32289
45°	18948
50°	11633
55°	9443
60°	8245
65°	6693
70°	6027
75°	6015
80°	4420
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18948 cd/sqm

TEST NUMBER: P1274378

CATALOG NUMBER: P3AS17R309830DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.9	13.8
10°-20°	226.9	29.9
20°-30°	206.4	27.2
30°-40°	124.8	16.5
40°-50°	50.0	6.6
50°-60°	22.2	2.9
60°-70°	13.4	1.8
70°-80°	7.3	1.0
80°-90°	2.1	0.3
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°	538.2	71.0
0°-40°	663.1	87.5
0°-60°	735.3	97.0
0°-90°	758.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	758.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1181	
5°	1140	105
15°	824	227
25°	449	206
35°	196	125
45°	61	50
55°	25	22
65°	13	13
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1274378

CATALOG NUMBER: P3AS17R309830DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1181.2
1°	1180.1
2°	1175.4
3°	1167.1
4°	1155.4
5°	1140.1
6°	1121.3
7°	1101.3
8°	1075.5
9°	1046.1
10°	1015.5
11°	980.3
12°	942.6
13°	905.0
14°	863.9
15°	823.9
17.5°	719.3
20°	620.6
22.5°	528.9
25°	449.0
27.5°	376.1
30°	311.5
32.5°	251.5
35°	196.3
37.5°	150.4
40°	112.8
42.5°	82.3
45°	61.1
47.5°	45.8
50°	34.1
52.5°	27.0
55°	24.7
57.5°	21.2
60°	18.8
62.5°	15.3
65°	12.9
67.5°	11.8
70°	9.4
72.5°	8.2
75°	7.1
77.5°	5.9
80°	3.5
82.5°	2.4
85°	2.4
87.5°	1.2



TEST NUMBER: P1274378
CATALOG NUMBER: P3AS17R309830DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)