

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: P1287590

Luminaire Tested: P3AS17R509030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287590
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

Summary

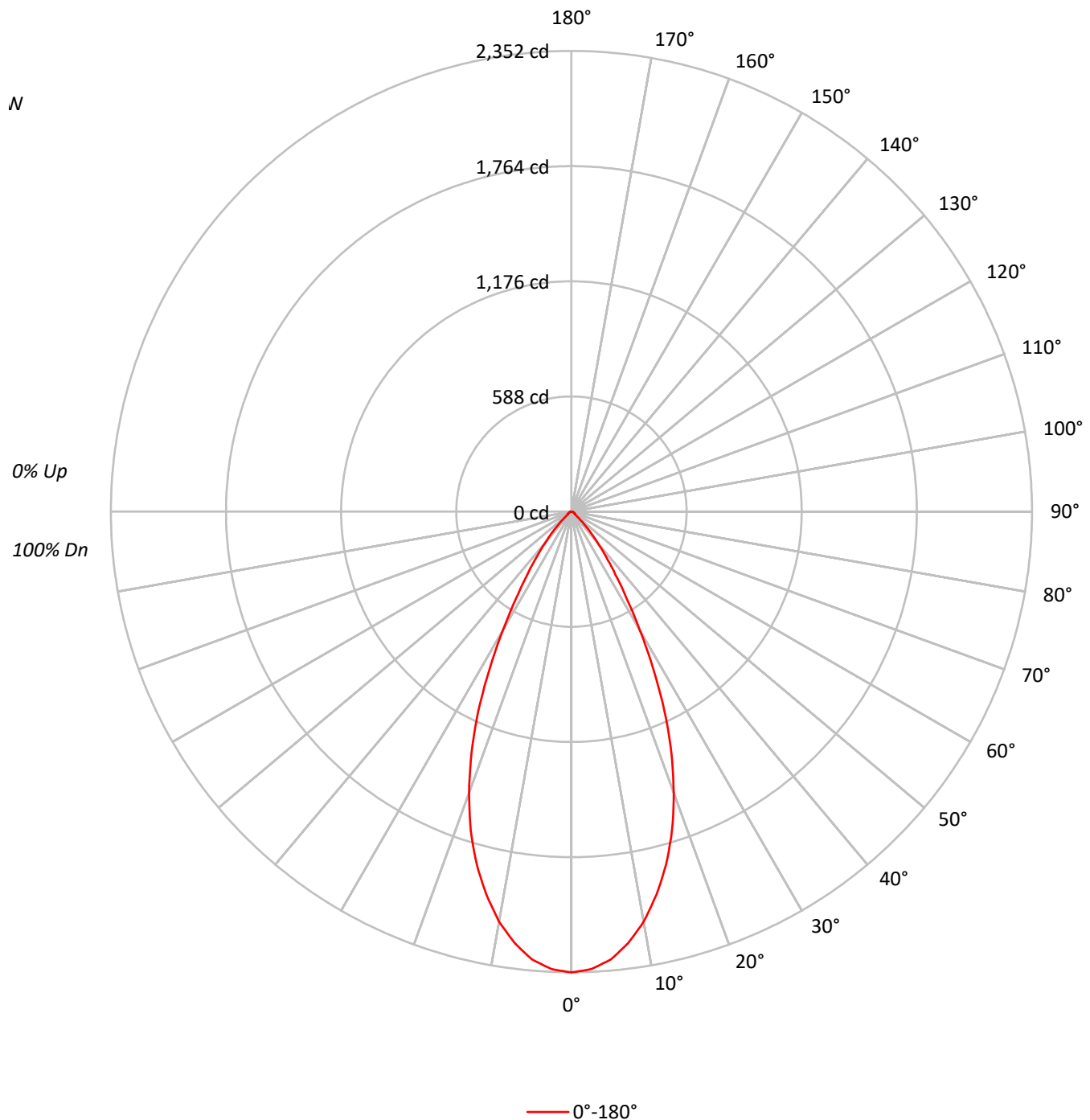
Lumens per Lamp: N/A
Luminaire Lumens: 1620.0 lumens
Efficiency: N/A
Efficacy: 59.3 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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: P1287590

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1287590

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1MW

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	515770
5°	505392
10°	473382
15°	423771
20°	356611
25°	272169
30°	176888
35°	104882
40°	60599
45°	30360
50°	11292
55°	8793
60°	8201
65°	7472
70°	7373
75°	7286
80°	7324
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30360 cd/sqm

TEST NUMBER: P1287590

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.6	13.2
10°-20°	516.2	31.9
20°-30°	506.4	31.3
30°-40°	255.1	15.7
40°-50°	80.6	5.0
50°-60°	20.9	1.3
60°-70°	14.8	0.9
70°-80°	9.1	0.6
80°-90°	3.1	0.2
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°	1236.3	76.3
0°-40°	1491.4	92.1
0°-60°	1592.9	98.3
0°-90°	1620.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1620.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2352	
5°	2296	214
15°	1867	516
25°	1125	506
35°	392	255
45°	98	81
55°	23	21
65°	14	15
75°	9	9
85°	3	3
90°	0	

TEST NUMBER: P1287590

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2352.1
2.5°	2337.7
5°	2296.0
7.5°	2221.1
10°	2126.0
12.5°	2003.6
15°	1866.7
17.5°	1708.3
20°	1528.2
22.5°	1333.8
25°	1124.9
27.5°	903.1
30°	698.6
32.5°	525.7
35°	391.8
37.5°	289.5
40°	211.7
42.5°	149.8
45°	97.9
47.5°	56.2
50°	33.1
52.5°	24.5
55°	23.0
57.5°	20.2
60°	18.7
62.5°	17.3
65°	14.4
67.5°	13.0
70°	11.5
72.5°	10.1
75°	8.6
77.5°	7.2
80°	5.8
82.5°	4.3
85°	2.9
87.5°	1.4
90°	0.0

(END OF REPORT)