

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: P1287591

Luminaire Tested: P3AS17R509030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287591
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030D2WDE010 E3DL1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

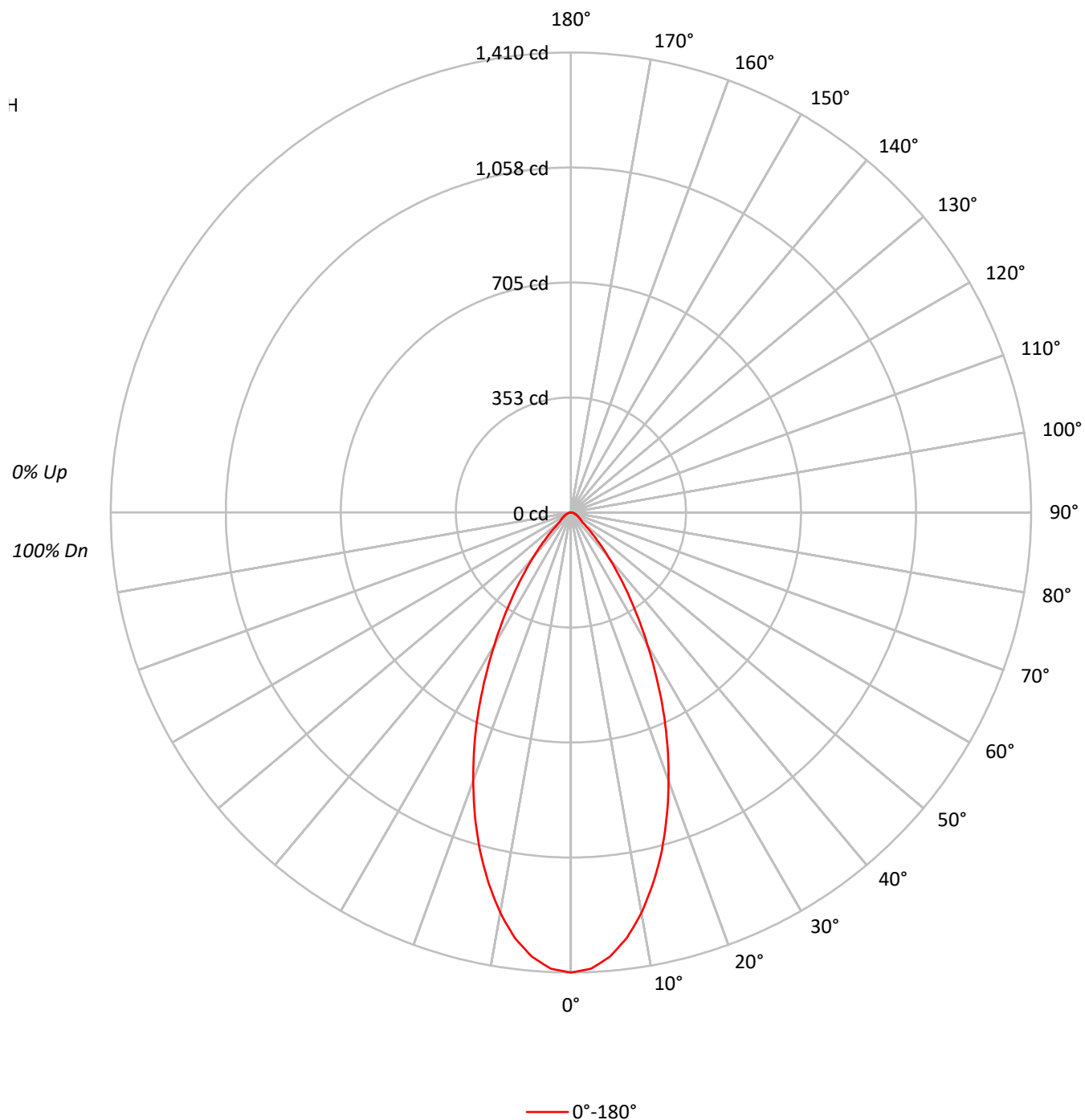
Lumens per Lamp: N/A
Luminaire Lumens: 1063.0 lumens
Efficiency: N/A
Efficacy: 38.9 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1287591

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1287591

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1WH

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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	309164
5°	300858
10°	277416
15°	243974
20°	204114
25°	161864
30°	118752
35°	81646
40°	51897
45°	28995
50°	15692
55°	13189
60°	11359
65°	10429
70°	9232
75°	8557
80°	7324
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28995 cd/sqm

TEST NUMBER: P1287591

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.6	11.9
10°-20°	297.6	28.0
20°-30°	304.4	28.6
30°-40°	193.0	18.2
40°-50°	76.8	7.2
50°-60°	31.1	2.9
60°-70°	19.9	1.9
70°-80°	10.3	1.0
80°-90°	3.1	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°	728.7	68.6
0°-40°	921.7	86.7
0°-60°	1029.7	96.9
0°-90°	1063.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1063.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1410	
5°	1367	127
15°	1075	298
25°	669	304
35°	305	193
45°	94	77
55°	34	31
65°	20	20
75°	10	10
85°	3	3
90°	0	

TEST NUMBER: P1287591

CATALOG NUMBER: P3AS17R509030D2WDE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1409.9
2.5°	1399.9
5°	1366.8
7.5°	1315.0
10°	1245.9
12.5°	1163.9
15°	1074.7
17.5°	976.9
20°	874.7
22.5°	772.6
25°	669.0
27.5°	565.4
30°	469.0
32.5°	382.7
35°	305.0
37.5°	238.8
40°	181.3
42.5°	133.8
45°	93.5
47.5°	63.3
50°	46.0
52.5°	38.8
55°	34.5
57.5°	30.2
60°	25.9
62.5°	23.0
65°	20.1
67.5°	17.3
70°	14.4
72.5°	11.5
75°	10.1
77.5°	7.2
80°	5.8
82.5°	4.3
85°	2.9
87.5°	1.4
90°	0.0

(END OF REPORT)