

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: P1260436

Luminaire Tested: P3AS17R459050DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260436
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459050DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

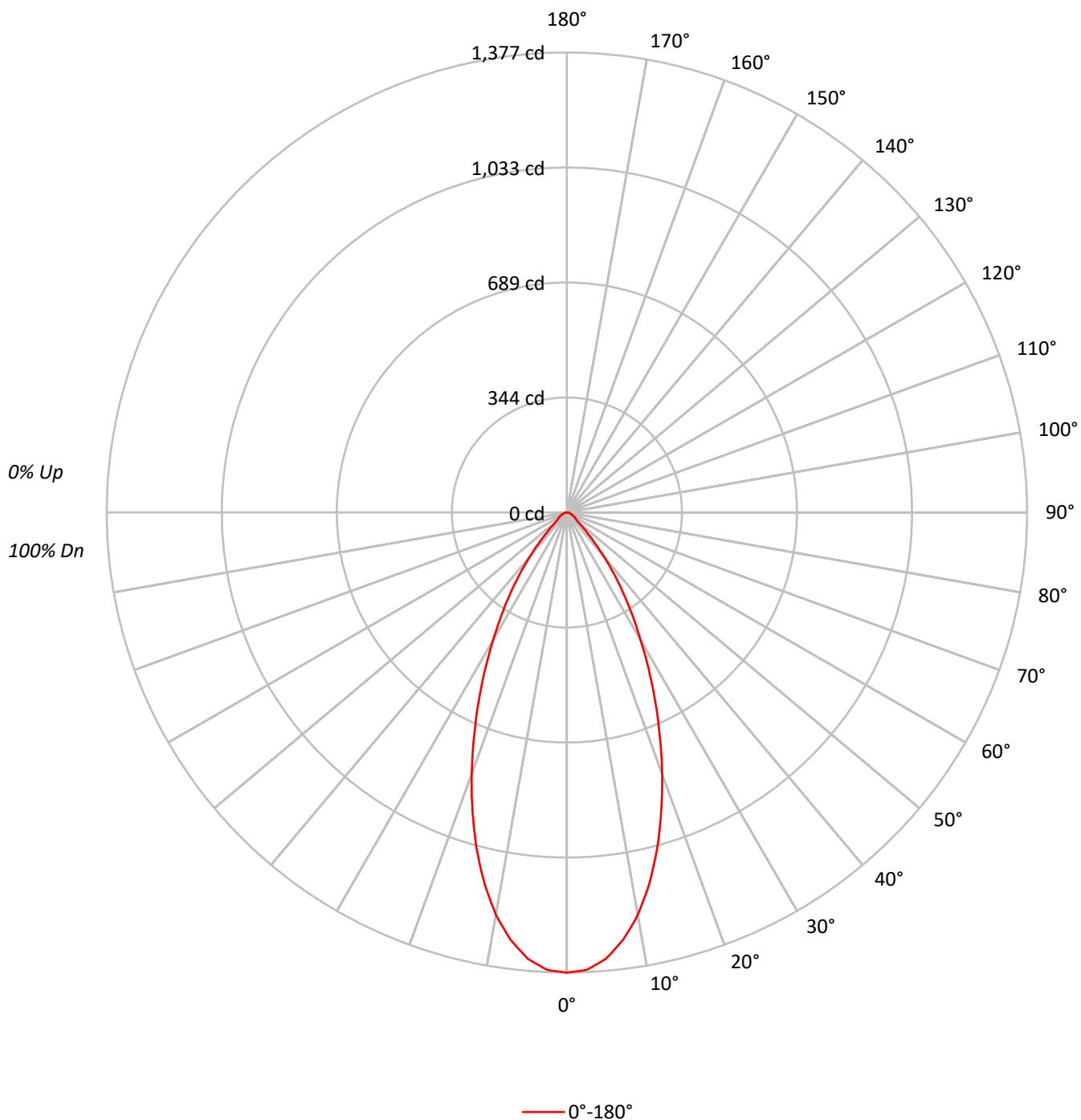
Lumens per Lamp: N/A
Luminaire Lumens: 1013.9 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1260436

CATALOG NUMBER: P3AS17R459050DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1260436

CATALOG NUMBER: P3AS17R459050DE010 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	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	302037
5°	295135
10°	272273
15°	236755
20°	194500
25°	151315
30°	111739
35°	78621
40°	49092
45°	26576
50°	14396
55°	12348
60°	11096
65°	9495
70°	8078
75°	8303
80°	7072
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26576 cd/sqm

TEST NUMBER: P1260436

CATALOG NUMBER: P3AS17R459050DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.2	12.2
10°-20°	288.3	28.4
20°-30°	286.2	28.2
30°-40°	184.3	18.2
40°-50°	71.0	7.0
50°-60°	28.9	2.8
60°-70°	18.2	1.8
70°-80°	9.8	1.0
80°-90°	3.0	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°	698.7	68.9
0°-40°	883.0	87.1
0°-60°	982.9	96.9
0°-90°	1013.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1013.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1377	
5°	1341	124
15°	1043	288
25°	625	286
35°	294	184
45°	86	71
55°	32	29
65°	18	18
75°	10	10
85°	3	3
90°	0	

TEST NUMBER: P1260436

CATALOG NUMBER: P3AS17R459050DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1377.4
2.5°	1370.3
5°	1340.8
7.5°	1290.2
10°	1222.8
12.5°	1138.4
15°	1042.9
17.5°	938.9
20°	833.5
22.5°	726.6
25°	625.4
27.5°	529.9
30°	441.3
32.5°	364.0
35°	293.7
37.5°	230.5
40°	171.5
42.5°	123.7
45°	85.7
47.5°	57.6
50°	42.2
52.5°	35.1
55°	32.3
57.5°	28.1
60°	25.3
62.5°	21.1
65°	18.3
67.5°	15.5
70°	12.6
72.5°	11.2
75°	9.8
77.5°	7.0
80°	5.6
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)