

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: P1252425

Luminaire Tested: P3AS17R459030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252425
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: P3AS17R459030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

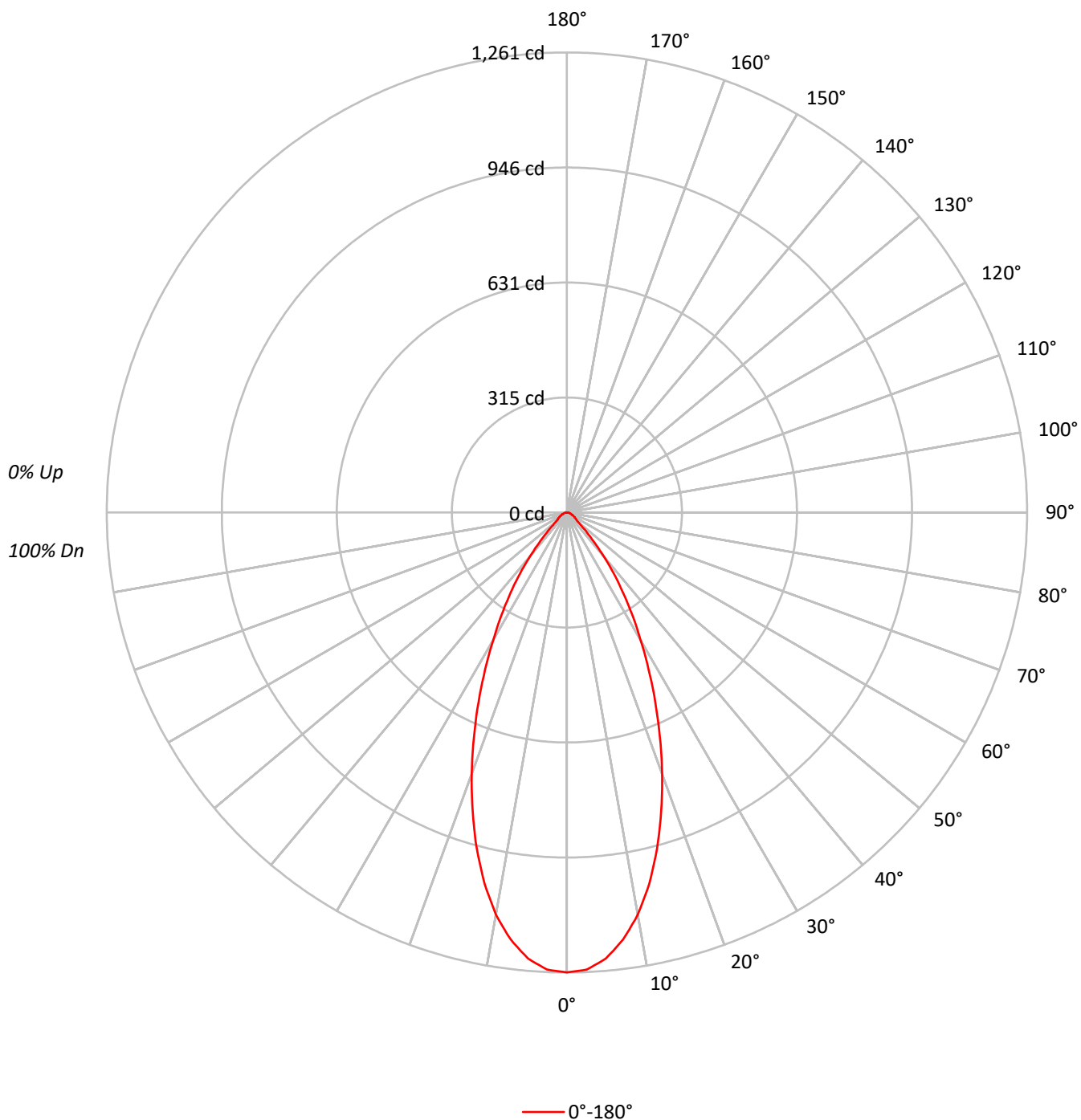
Lumens per Lamp: N/A
Luminaire Lumens: 928.0 lumens
Efficiency: N/A
Efficacy: 43.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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°	276425
5°	270107
10°	249183
15°	216664
20°	178002
25°	138492
30°	102269
35°	71956
40°	44913
45°	24344
50°	13168
55°	11316
60°	10175
65°	8665
70°	7437
75°	7625
80°	6440
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24344 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.6	12.2
10°-20°	263.8	28.4
20°-30°	261.9	28.2
30°-40°	168.7	18.2
40°-50°	65.0	7.0
50°-60°	26.4	2.8
60°-70°	16.7	1.8
70°-80°	9.0	1.0
80°-90°	2.8	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°	639.4	68.9
0°-40°	808.1	87.1
0°-60°	899.5	96.9
0°-90°	928.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	928.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1261	
5°	1227	114
15°	954	264
25°	572	262
35°	269	169
45°	78	65
55°	30	26
65°	17	17
75°	9	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1260.6
2.5°	1254.1
5°	1227.1
7.5°	1180.8
10°	1119.1
12.5°	1041.9
15°	954.4
17.5°	859.2
20°	762.8
22.5°	665.0
25°	572.4
27.5°	484.9
30°	403.9
32.5°	333.1
35°	268.8
37.5°	210.9
40°	156.9
42.5°	113.2
45°	78.5
47.5°	52.7
50°	38.6
52.5°	32.2
55°	29.6
57.5°	25.7
60°	23.2
62.5°	19.3
65°	16.7
67.5°	14.1
70°	11.6
72.5°	10.3
75°	9.0
77.5°	6.4
80°	5.1
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)