

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: P1249543

Luminaire Tested: P3AS17R159027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249543
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

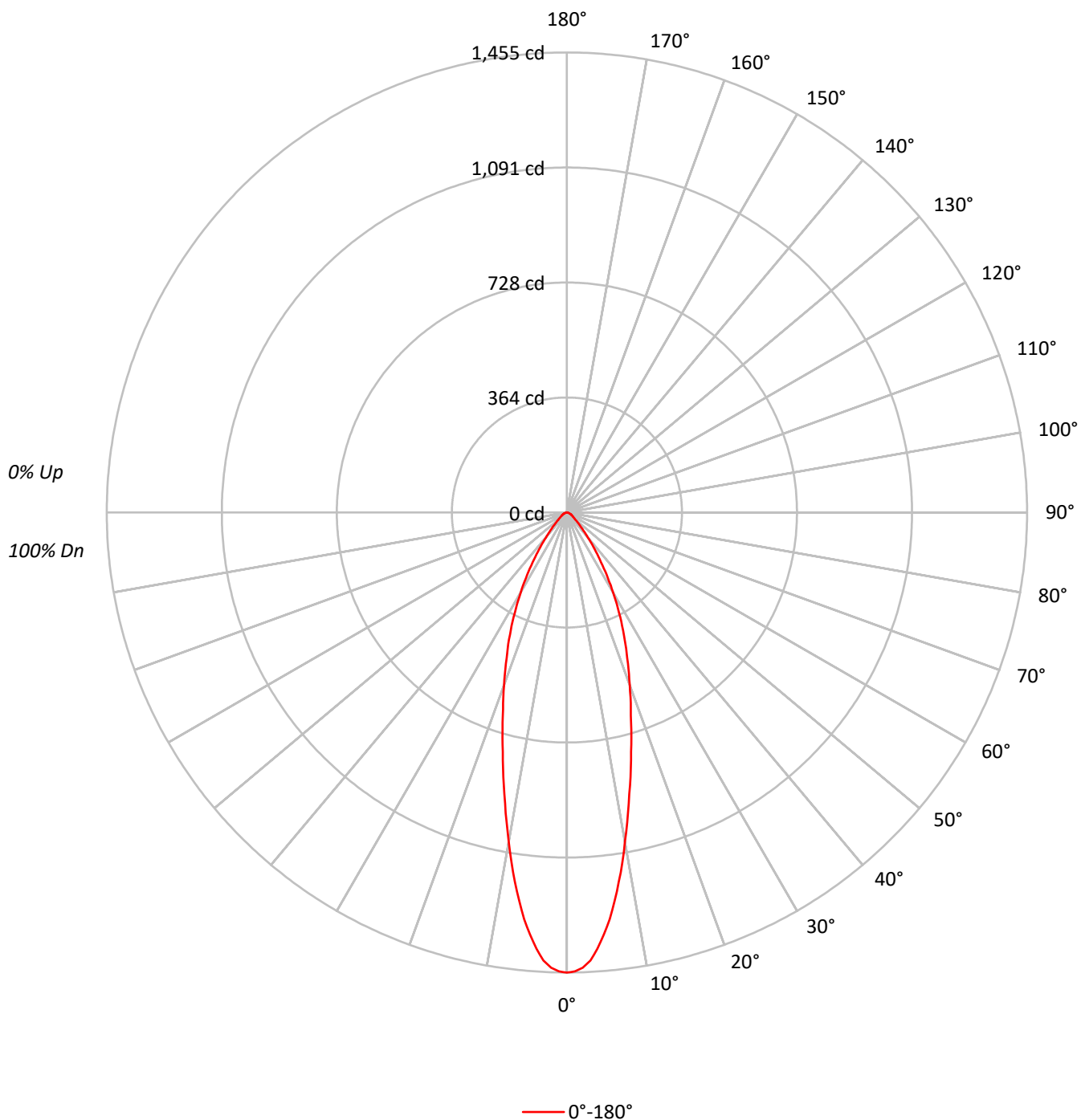
Lumens per Lamp: N/A
Luminaire Lumens: 739.9 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	319097
5°	294937
10°	235467
15°	177867
20°	135438
25°	103216
30°	73935
35°	48265
40°	29570
45°	17893
50°	11872
55°	9175
60°	7894
65°	6849
70°	6155
75°	6100
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17893 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.7	16.0
10°-20°	219.0	29.6
20°-30°	195.0	26.3
30°-40°	115.4	15.6
40°-50°	47.3	6.4
50°-60°	22.2	3.0
60°-70°	13.5	1.8
70°-80°	7.1	1.0
80°-90°	1.8	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°	532.6	72.0
0°-40°	648.0	87.6
0°-60°	717.5	97.0
0°-90°	739.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	739.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1455	
5°	1340	119
15°	784	219
25°	427	195
35°	180	115
45°	58	47
55°	24	22
65°	13	13
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1455.2
1°	1451.6
2°	1440.8
3°	1419.2
4°	1383.1
5°	1339.9
6°	1293.0
7°	1237.7
8°	1180.0
9°	1121.2
10°	1057.5
12.5°	912.1
15°	783.5
17.5°	672.9
20°	580.4
22.5°	498.7
25°	426.6
27.5°	356.9
30°	292.0
32.5°	233.1
35°	180.3
37.5°	138.2
40°	103.3
42.5°	76.9
45°	57.7
47.5°	44.5
50°	34.8
52.5°	28.8
55°	24.0
57.5°	20.4
60°	18.0
62.5°	15.6
65°	13.2
67.5°	12.0
70°	9.6
72.5°	8.4
75°	7.2
77.5°	4.8
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)