

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: P1247181

Luminaire Tested: P3A17R159024DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247181
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: P3A17R159024DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

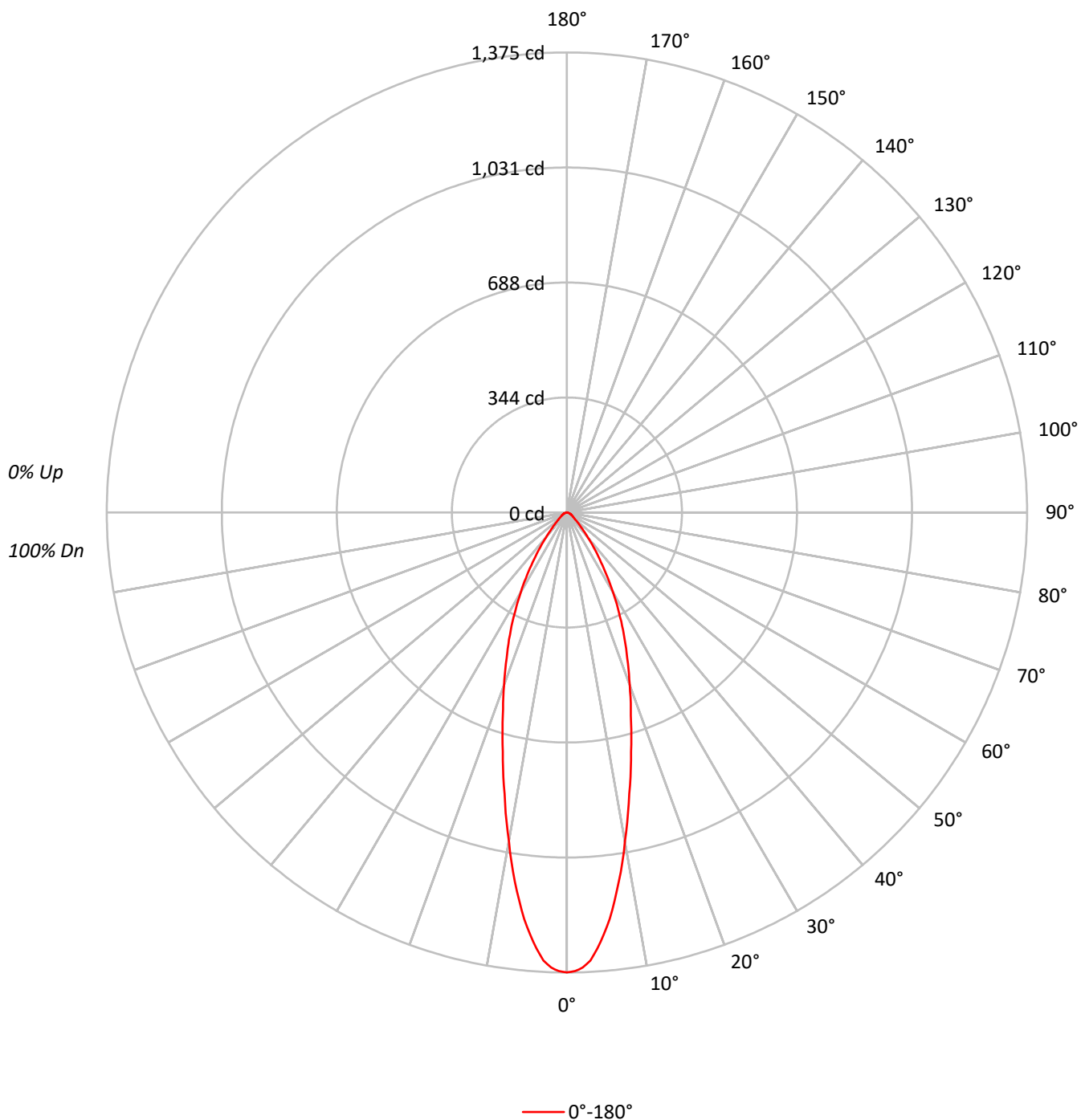
Lumens per Lamp: N/A
Luminaire Lumens: 699.0 lumens
Efficiency: N/A
Efficacy: 33.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		67
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°	301423
5°	278582
10°	222419
15°	168015
20°	127948
25°	97506
30°	69834
35°	45588
40°	27938
45°	16901
50°	11224
55°	8678
60°	7456
65°	6486
70°	5834
75°	5761
80°	4293
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16901 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.1	16.0
10°-20°	206.9	29.6
20°-30°	184.2	26.3
30°-40°	109.0	15.6
40°-50°	44.7	6.4
50°-60°	21.0	3.0
60°-70°	12.8	1.8
70°-80°	6.7	1.0
80°-90°	1.7	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°	503.1	72.0
0°-40°	612.1	87.6
0°-60°	677.8	97.0
0°-90°	699.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	699.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1375	
5°	1266	112
15°	740	207
25°	403	184
35°	170	109
45°	54	45
55°	23	21
65°	12	13
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1374.6
1°	1371.2
2°	1361.0
3°	1340.6
4°	1306.5
5°	1265.6
6°	1221.4
7°	1169.2
8°	1114.7
9°	1059.0
10°	998.9
12.5°	861.5
15°	740.1
17.5°	635.7
20°	548.3
22.5°	471.1
25°	403.0
27.5°	337.1
30°	275.8
32.5°	220.2
35°	170.3
37.5°	130.5
40°	97.6
42.5°	72.6
45°	54.5
47.5°	42.0
50°	32.9
52.5°	27.2
55°	22.7
57.5°	19.3
60°	17.0
62.5°	14.8
65°	12.5
67.5°	11.4
70°	9.1
72.5°	7.9
75°	6.8
77.5°	4.5
80°	3.4
82.5°	2.3
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)