

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: P1247470

Luminaire Tested: P3A17R659024DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247470
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659024DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

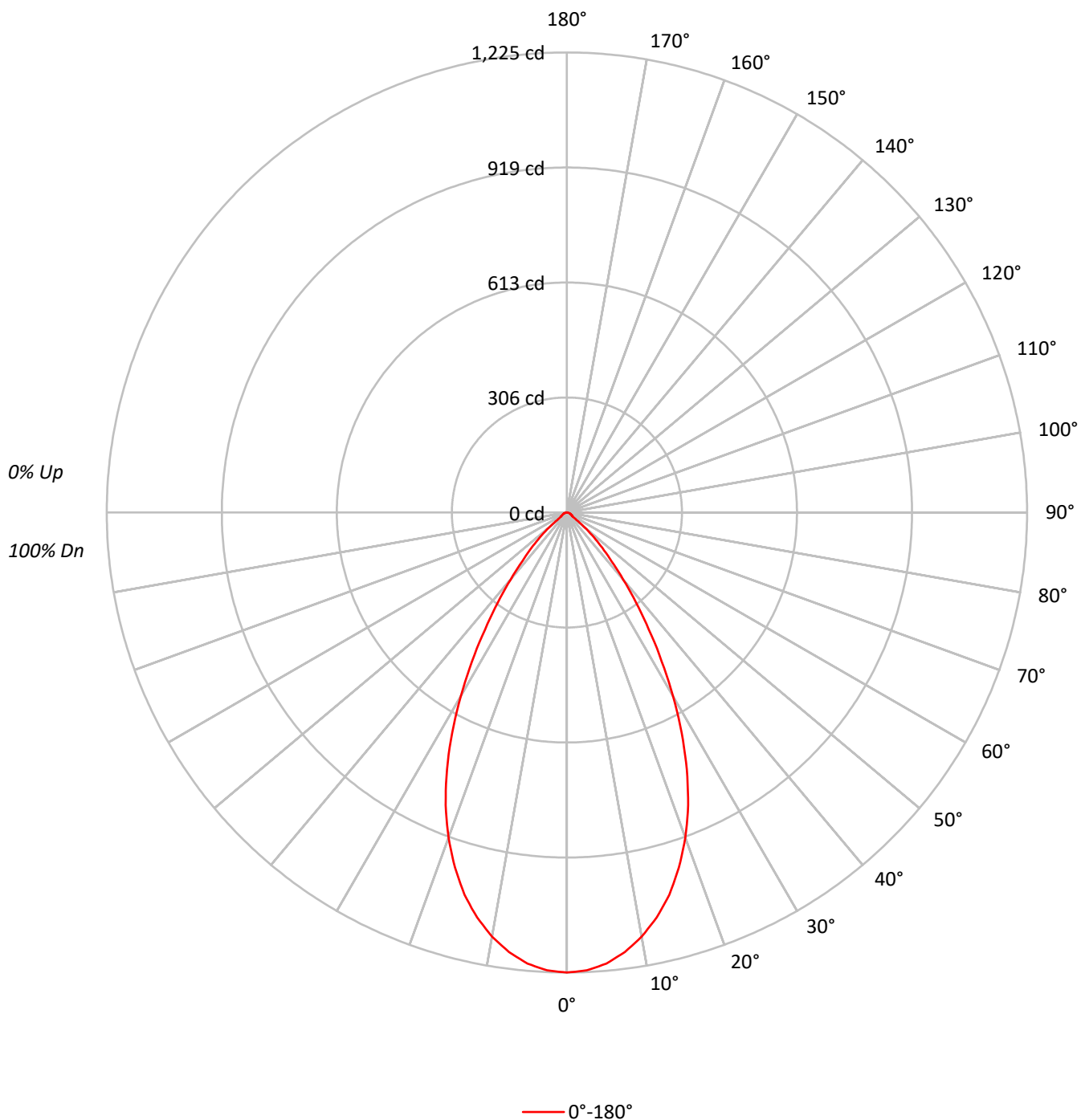
Lumens per Lamp: N/A
Luminaire Lumens: 1139.0 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79		
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63		
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58		
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268619
5°	265397
10°	255306
15°	239161
20°	215105
25°	182672
30°	142857
35°	101803
40°	66611
45°	41183
50°	20912
55°	7378
60°	6491
65°	6486
70°	5834
75°	5761
80°	5683
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 41183 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.2	9.9
10°-20°	293.2	25.7
20°-30°	342.7	30.1
30°-40°	239.5	21.0
40°-50°	105.4	9.3
50°-60°	23.5	2.1
60°-70°	11.9	1.0
70°-80°	7.2	0.6
80°-90°	2.5	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°	749.1	65.8
0°-40°	988.5	86.8
0°-60°	1117.4	98.1
0°-90°	1139.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1139.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1225	
5°	1206	113
15°	1054	293
25°	755	343
35°	380	239
45°	133	105
55°	19	23
65°	12	12
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1225.0
2.5°	1220.4
5°	1205.7
7.5°	1180.7
10°	1146.6
12.5°	1104.6
15°	1053.5
17.5°	991.1
20°	921.8
22.5°	843.5
25°	755.0
27.5°	661.9
30°	564.2
32.5°	470.0
35°	380.3
37.5°	302.0
40°	232.7
42.5°	176.0
45°	132.8
47.5°	97.6
50°	61.3
52.5°	31.8
55°	19.3
57.5°	17.0
60°	14.8
62.5°	13.6
65°	12.5
67.5°	10.2
70°	9.1
72.5°	7.9
75°	6.8
77.5°	5.7
80°	4.5
82.5°	3.4
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)