

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: P1247356

Luminaire Tested: P3A17R459024DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247356
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: P3A17R459024DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

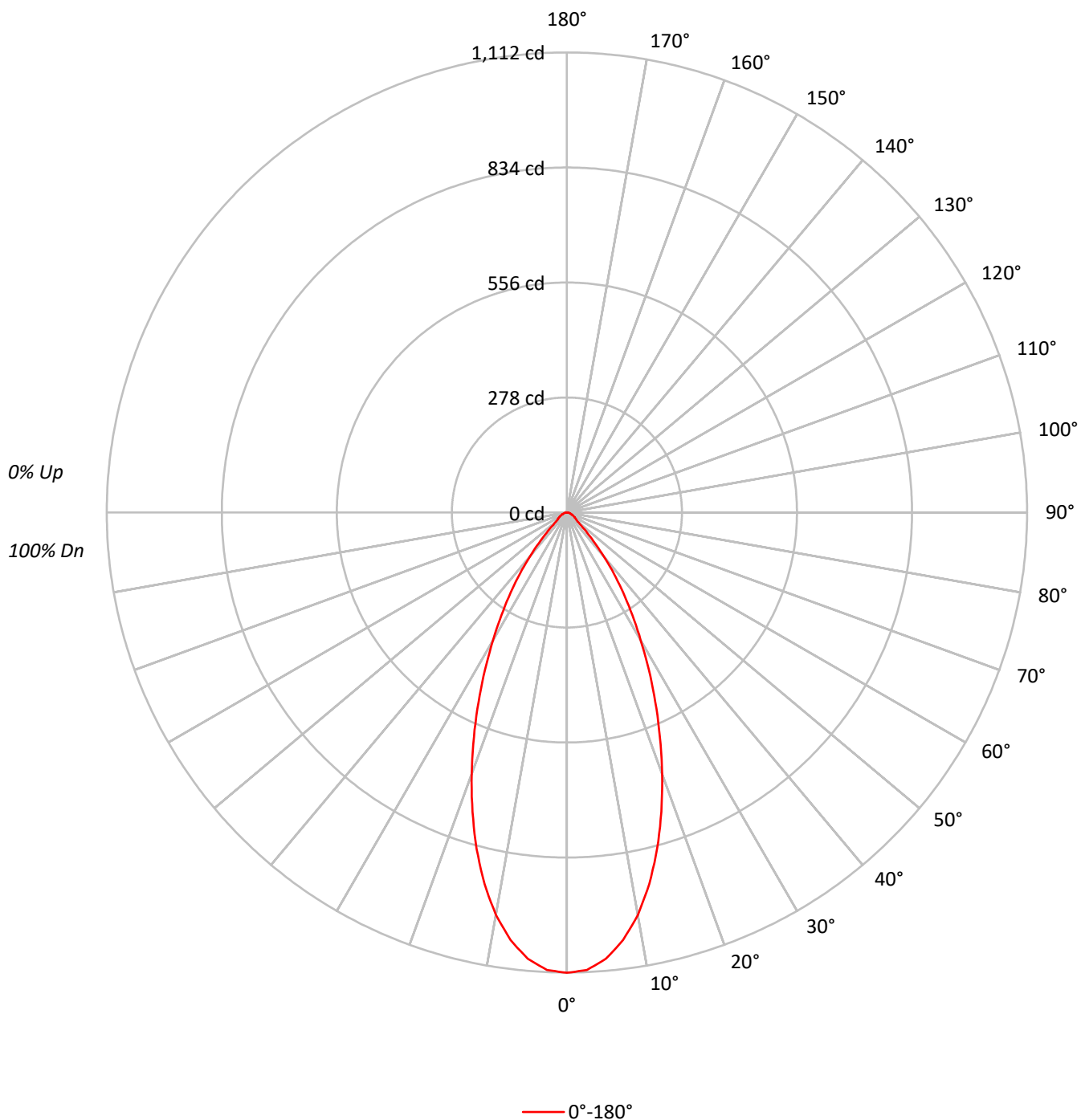
Lumens per Lamp: N/A
Luminaire Lumens: 819.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	243950
5°	238388
10°	219902
15°	191216
20°	157094
25°	122233
30°	90267
35°	63523
40°	39646
45°	21460
50°	11633
55°	9978
60°	8947
65°	7679
70°	6540
75°	6693
80°	5683
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21460 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.3	12.2
10°-20°	232.9	28.4
20°-30°	231.2	28.2
30°-40°	148.9	18.2
40°-50°	57.3	7.0
50°-60°	23.3	2.8
60°-70°	14.7	1.8
70°-80°	7.9	1.0
80°-90°	2.5	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°	564.3	68.9
0°-40°	713.2	87.1
0°-60°	793.9	96.9
0°-90°	819.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	819.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1112	
5°	1083	100
15°	842	233
25°	505	231
35°	237	149
45°	69	57
55°	26	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1112.5
2.5°	1106.8
5°	1083.0
7.5°	1042.1
10°	987.6
12.5°	919.5
15°	842.3
17.5°	758.3
20°	673.2
22.5°	586.9
25°	505.2
27.5°	428.0
30°	356.5
32.5°	294.0
35°	237.3
37.5°	186.2
40°	138.5
42.5°	99.9
45°	69.2
47.5°	46.5
50°	34.1
52.5°	28.4
55°	26.1
57.5°	22.7
60°	20.4
62.5°	17.0
65°	14.8
67.5°	12.5
70°	10.2
72.5°	9.1
75°	7.9
77.5°	5.7
80°	4.5
82.5°	3.4
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)