

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: P1274452

Luminaire Tested: P3AS17R459830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274452
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: P3AS17R459830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

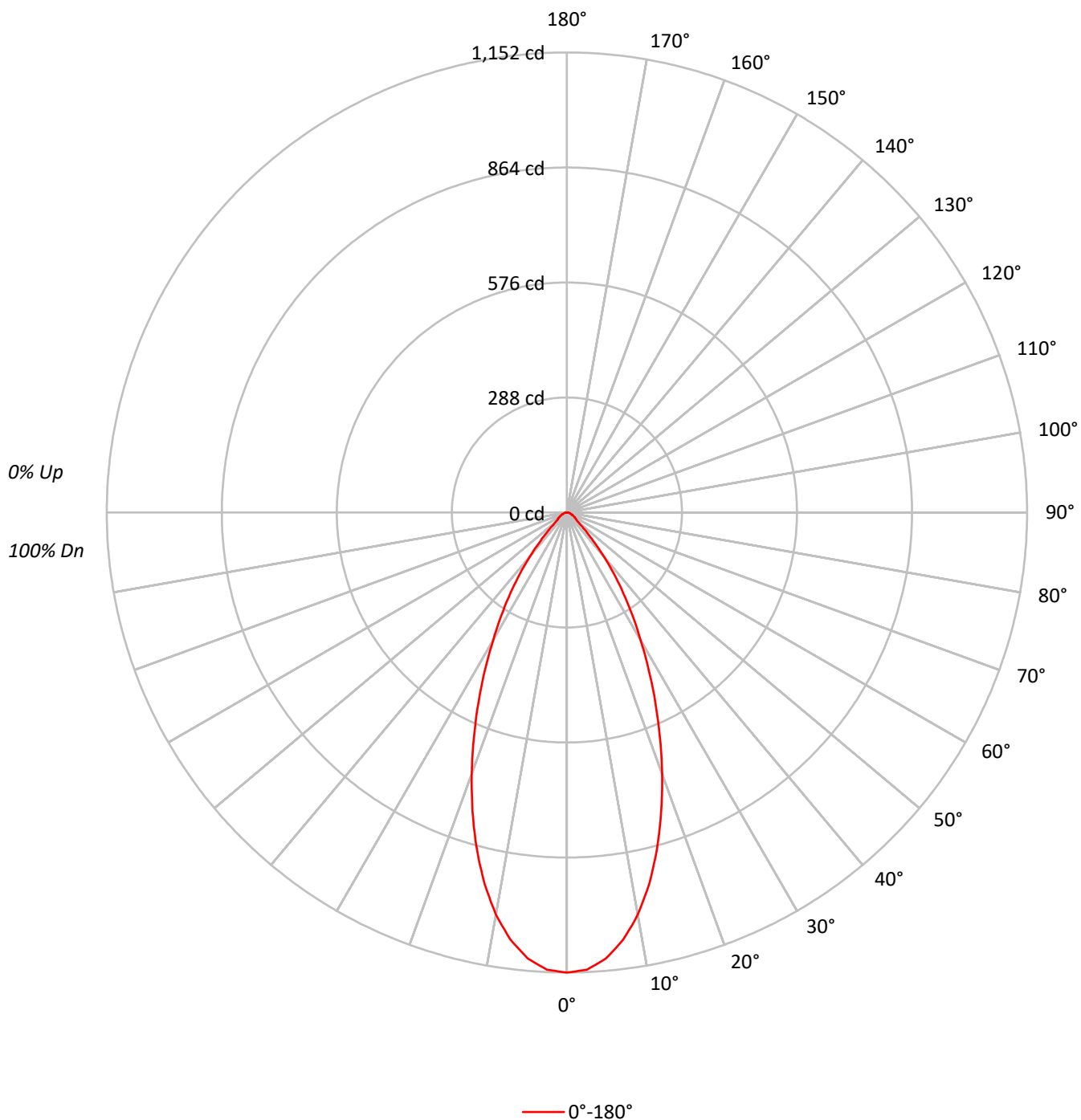
Lumens per Lamp: N/A
Luminaire Lumens: 848.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	252589
5°	246819
10°	227696
15°	197981
20°	162647
25°	126540
30°	93457
35°	65772
40°	41048
45°	22235
50°	12042
55°	10322
60°	9298
65°	7939
70°	6796
75°	6947
80°	5935
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22235 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.9	12.2
10°-20°	241.1	28.4
20°-30°	239.3	28.2
30°-40°	154.2	18.2
40°-50°	59.4	7.0
50°-60°	24.1	2.8
60°-70°	15.2	1.8
70°-80°	8.2	1.0
80°-90°	2.6	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°	584.3	68.9
0°-40°	738.5	87.1
0°-60°	822.0	96.9
0°-90°	848.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	848.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1152	
5°	1121	104
15°	872	241
25°	523	239
35°	246	154
45°	72	59
55°	27	24
65°	15	15
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1151.9
2.5°	1146.0
5°	1121.3
7.5°	1079.0
10°	1022.6
12.5°	952.1
15°	872.1
17.5°	785.2
20°	697.0
22.5°	607.7
25°	523.0
27.5°	443.1
30°	369.1
32.5°	304.4
35°	245.7
37.5°	192.8
40°	143.4
42.5°	103.4
45°	71.7
47.5°	48.2
50°	35.3
52.5°	29.4
55°	27.0
57.5°	23.5
60°	21.2
62.5°	17.6
65°	15.3
67.5°	12.9
70°	10.6
72.5°	9.4
75°	8.2
77.5°	5.9
80°	4.7
82.5°	3.5
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)