

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: P1276528

Luminaire Tested: P3AS17R459835DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276528
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459835DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

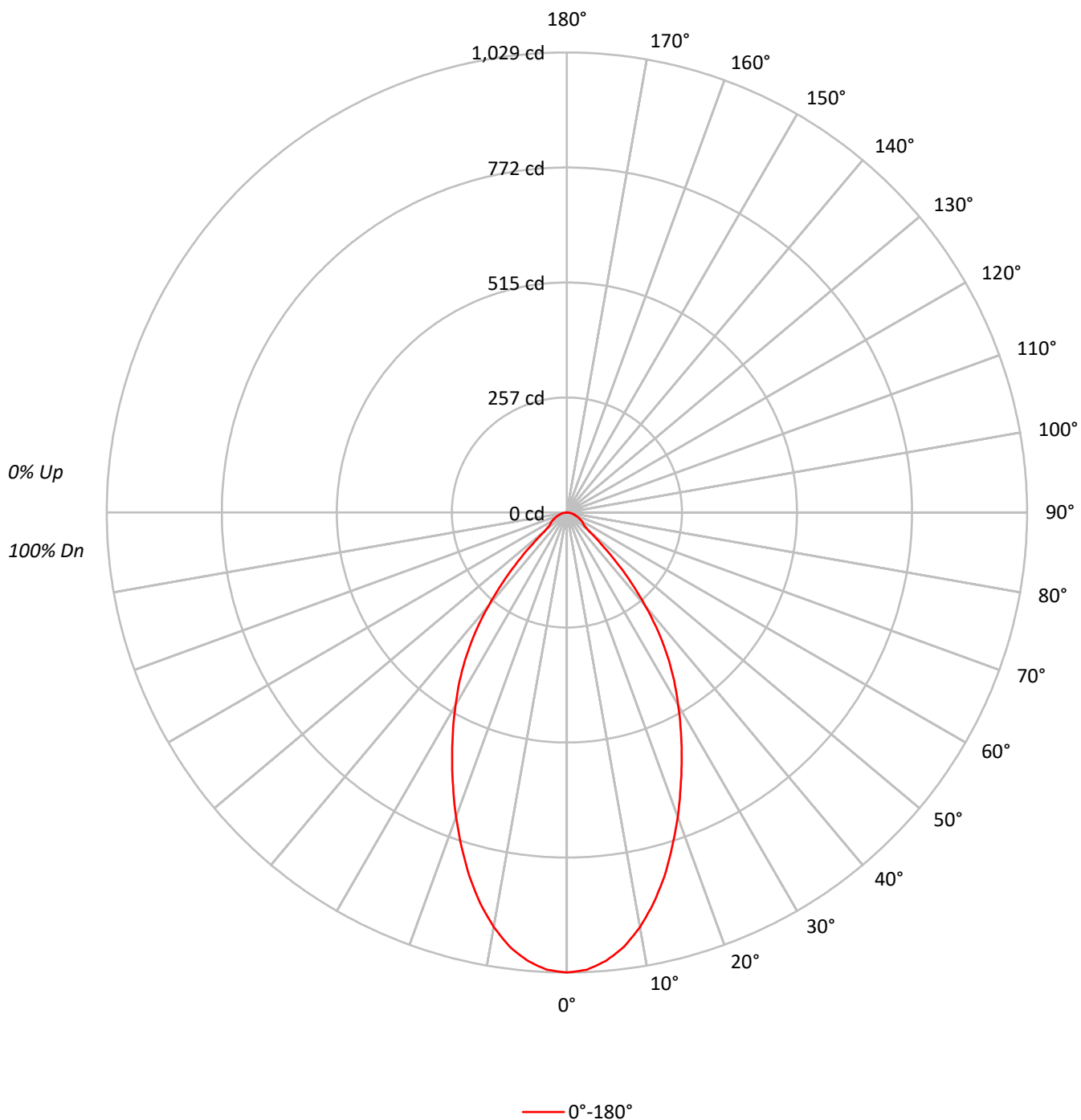
Lumens per Lamp: N/A
Luminaire Lumens: 1064.1 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	225596
5°	221593
10°	209682
15°	191238
20°	169111
25°	146863
30°	126045
35°	105042
40°	78261
45°	47912
50°	22174
55°	17357
60°	16665
65°	15255
70°	14169
75°	13471
80°	12375
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47912 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.0	8.8
10°-20°	234.5	22.0
20°-30°	278.7	26.2
30°-40°	242.1	22.8
40°-50°	121.4	11.4
50°-60°	42.2	4.0
60°-70°	29.6	2.8
70°-80°	16.5	1.6
80°-90°	5.0	0.5
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°	607.2	57.1
0°-40°	849.4	79.8
0°-60°	1013.0	95.2
0°-90°	1064.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1064.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1029	
5°	1007	94
15°	842	235
25°	607	279
35°	392	242
45°	154	121
55°	45	42
65°	29	30
75°	16	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1028.8
2.5°	1023.9
5°	1006.7
7.5°	979.7
10°	941.7
12.5°	895.1
15°	842.4
17.5°	783.5
20°	724.7
22.5°	664.6
25°	607.0
27.5°	551.8
30°	497.8
32.5°	446.3
35°	392.4
37.5°	334.8
40°	273.4
42.5°	213.4
45°	154.5
47.5°	101.8
50°	65.0
52.5°	50.3
55°	45.4
57.5°	41.7
60°	38.0
62.5°	34.3
65°	29.4
67.5°	25.8
70°	22.1
72.5°	18.4
75°	15.9
77.5°	12.3
80°	9.8
82.5°	7.4
85°	3.7
87.5°	2.5
90°	0.0

(END OF REPORT)