

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: P1274455

Luminaire Tested: P3AS17R459830DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274455
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: P3AS17R459830DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

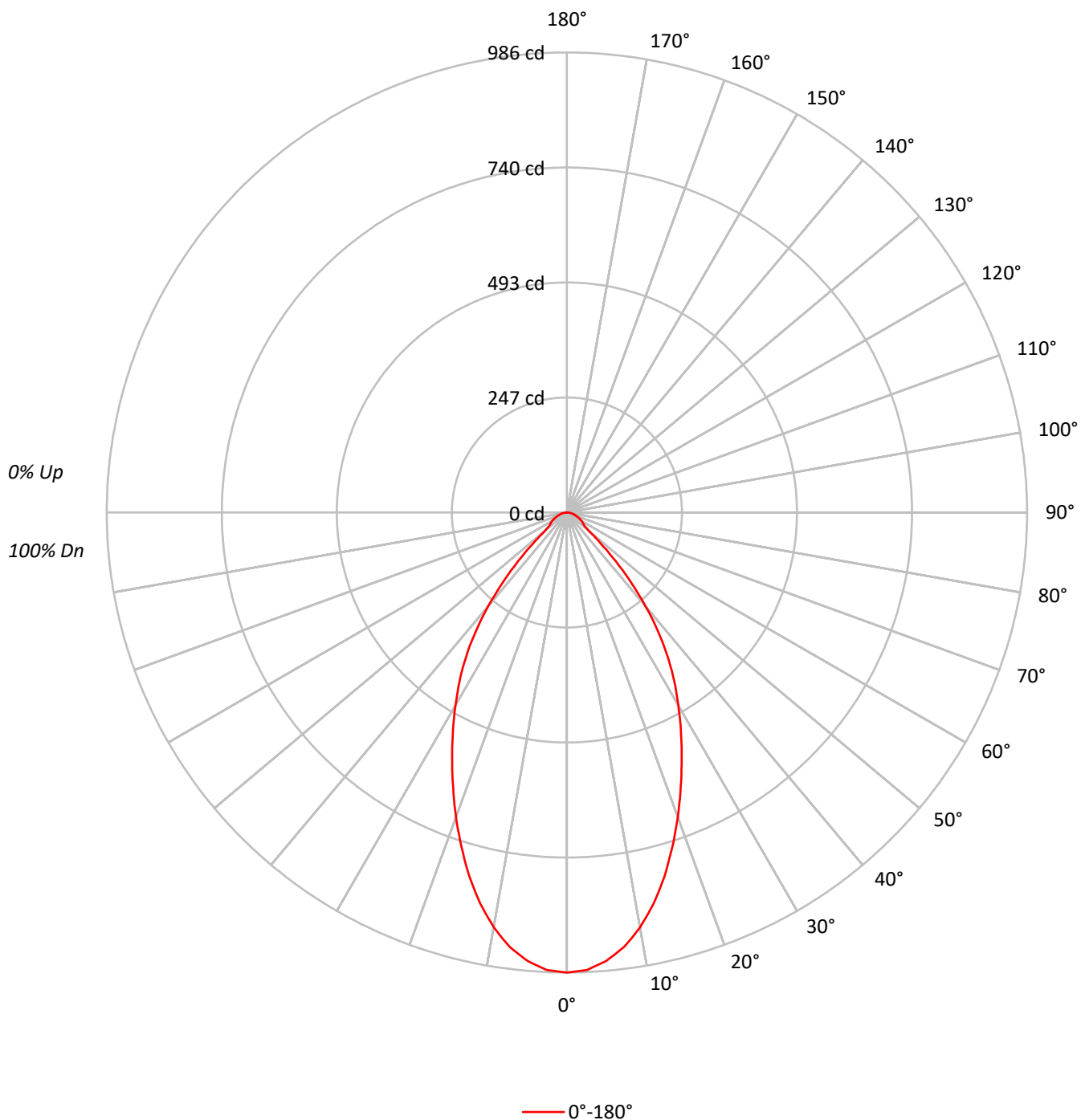
Lumens per Lamp: N/A
Luminaire Lumens: 1020.0 lumens
Efficiency: N/A
Efficacy: 50.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1274455

CATALOG NUMBER: P3AS17R459830DE010 E3DLD1H

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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83		
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75		
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58		
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54		
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50		
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	216255
5°	212436
10°	201021
15°	183338
20°	162111
25°	140790
30°	120829
35°	100706
40°	75026
45°	45927
50°	21253
55°	16630
60°	15964
65°	14632
70°	13592
75°	12963
80°	11870
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 45927 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.2	8.8
10°-20°	224.8	22.0
20°-30°	267.1	26.2
30°-40°	232.1	22.8
40°-50°	116.4	11.4
50°-60°	40.4	4.0
60°-70°	28.3	2.8
70°-80°	15.8	1.6
80°-90°	4.8	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°	582.1	57.1
0°-40°	814.2	79.8
0°-60°	971.1	95.2
0°-90°	1020.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1020.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	986	
5°	965	90
15°	808	225
25°	582	267
35°	376	232
45°	148	116
55°	44	40
65°	28	28
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	986.2
2.5°	981.5
5°	965.1
7.5°	939.2
10°	902.8
12.5°	858.1
15°	807.6
17.5°	751.1
20°	694.7
22.5°	637.1
25°	581.9
27.5°	529.0
30°	477.2
32.5°	427.9
35°	376.2
37.5°	320.9
40°	262.1
42.5°	204.5
45°	148.1
47.5°	97.6
50°	62.3
52.5°	48.2
55°	43.5
57.5°	40.0
60°	36.4
62.5°	32.9
65°	28.2
67.5°	24.7
70°	21.2
72.5°	17.6
75°	15.3
77.5°	11.8
80°	9.4
82.5°	7.1
85°	3.5
87.5°	2.4
90°	0.0

(END OF REPORT)