

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: P1272391

Luminaire Tested: P3AS17R459827DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272391
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: P3AS17R459827DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

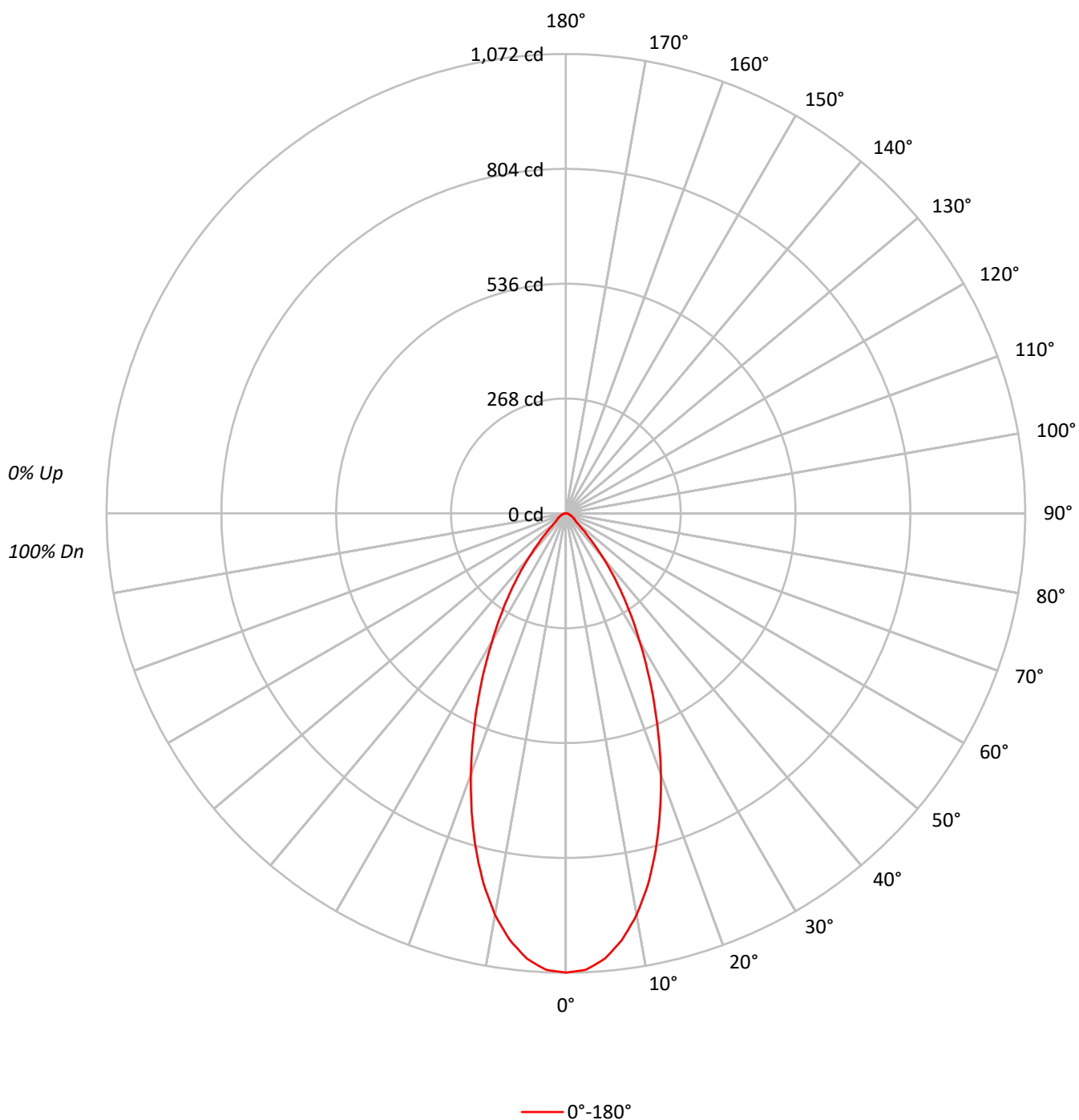
Lumens per Lamp: N/A
Luminaire Lumens: 789.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1272391

CATALOG NUMBER: P3AS17R459827DE010 E3DLP1H

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°	235003
5°	229649
10°	211842
15°	184224
20°	151330
25°	117757
30°	86950
35°	61194
40°	38186
45°	20684
50°	11189
55°	9634
60°	8640
65°	7368
70°	6283
75°	6524
80°	5556
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20684 cd/sqm

TEST NUMBER: P1272391

CATALOG NUMBER: P3AS17R459827DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.6	12.2
10°-20°	224.3	28.4
20°-30°	222.7	28.2
30°-40°	143.4	18.2
40°-50°	55.2	7.0
50°-60°	22.5	2.8
60°-70°	14.2	1.8
70°-80°	7.6	1.0
80°-90°	2.4	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°	543.7	68.9
0°-40°	687.1	87.1
0°-60°	764.8	96.9
0°-90°	789.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	789.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1072	
5°	1043	97
15°	812	224
25°	487	223
35°	229	143
45°	67	55
55°	25	22
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1071.7
2.5°	1066.3
5°	1043.3
7.5°	1003.9
10°	951.4
12.5°	885.8
15°	811.5
17.5°	730.5
20°	648.5
22.5°	565.4
25°	486.7
27.5°	412.3
30°	343.4
32.5°	283.2
35°	228.6
37.5°	179.4
40°	133.4
42.5°	96.2
45°	66.7
47.5°	44.8
50°	32.8
52.5°	27.3
55°	25.2
57.5°	21.9
60°	19.7
62.5°	16.4
65°	14.2
67.5°	12.0
70°	9.8
72.5°	8.7
75°	7.7
77.5°	5.5
80°	4.4
82.5°	3.3
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)