

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: P1276641

Luminaire Tested: P3AS17R659835DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276641
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659835DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

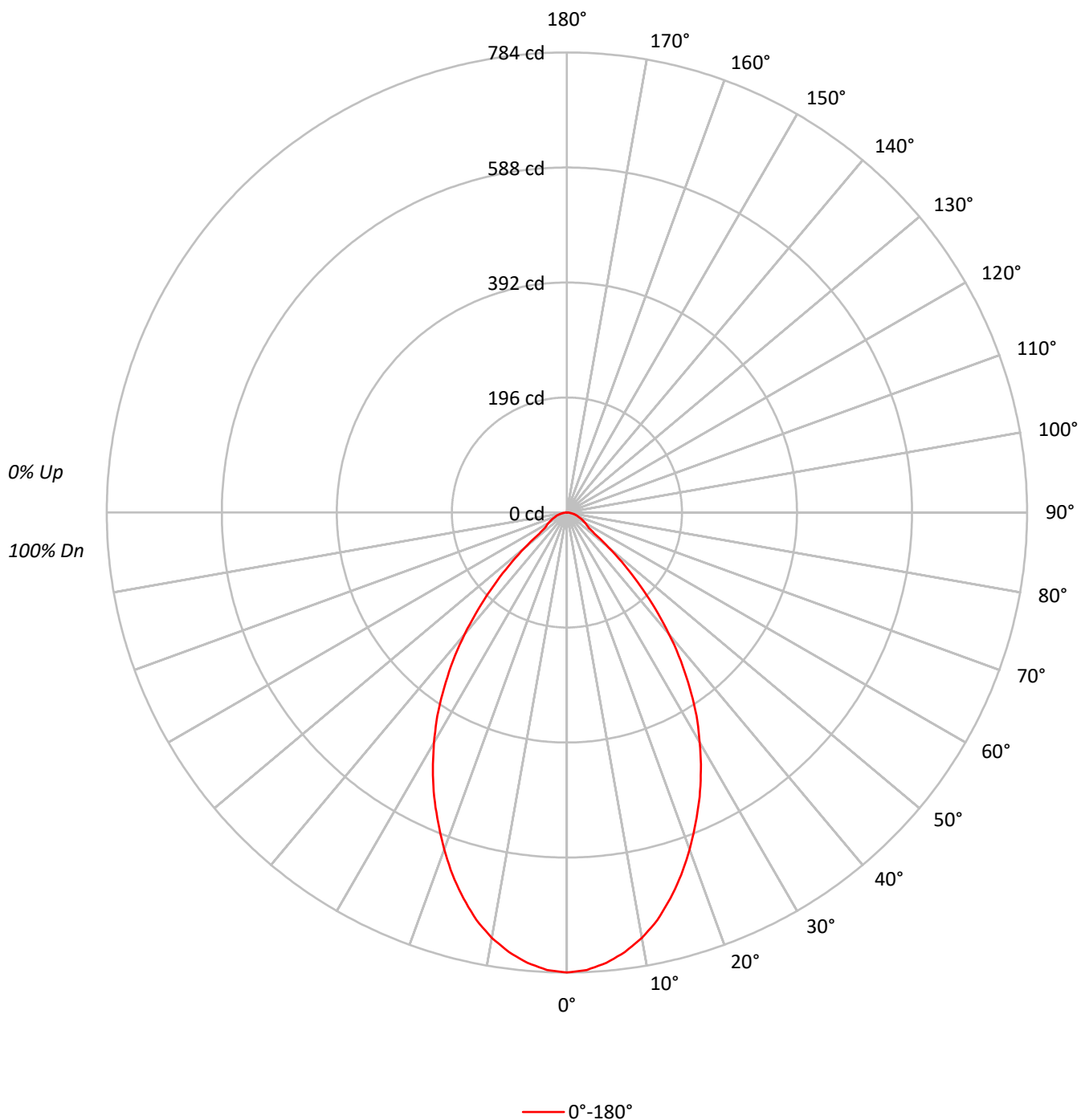
Lumens per Lamp: N/A
Luminaire Lumens: 966.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171894
5°	169579
10°	163903
15°	154575
20°	142579
25°	129419
30°	114625
35°	97547
40°	77603
45°	54796
50°	31794
55°	17357
60°	16139
65°	14632
70°	13400
75°	12454
80°	10860
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54796 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.5	7.5
10°-20°	190.5	19.7
20°-30°	244.8	25.3
30°-40°	226.5	23.4
40°-50°	136.7	14.2
50°-60°	46.6	4.8
60°-70°	28.1	2.9
70°-80°	15.9	1.6
80°-90°	4.5	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°	507.8	52.6
0°-40°	734.2	76.0
0°-60°	917.6	95.0
0°-90°	966.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	966.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	784	
5°	770	72
15°	681	191
25°	535	245
35°	364	226
45°	177	137
55°	45	47
65°	28	28
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	783.9
2.5°	780.3
5°	770.4
7.5°	755.7
10°	736.1
12.5°	711.6
15°	680.9
17.5°	647.8
20°	611.0
22.5°	572.9
25°	534.9
27.5°	494.4
30°	452.7
32.5°	411.0
35°	364.4
37.5°	319.0
40°	271.1
42.5°	223.3
45°	176.7
47.5°	133.7
50°	93.2
52.5°	58.9
55°	45.4
57.5°	40.5
60°	36.8
62.5°	31.9
65°	28.2
67.5°	24.5
70°	20.9
72.5°	18.4
75°	14.7
77.5°	12.3
80°	8.6
82.5°	6.1
85°	3.7
87.5°	2.5
90°	0.0

(END OF REPORT)