

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: P1271753

Luminaire Tested: P3AS09R559827DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559827DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

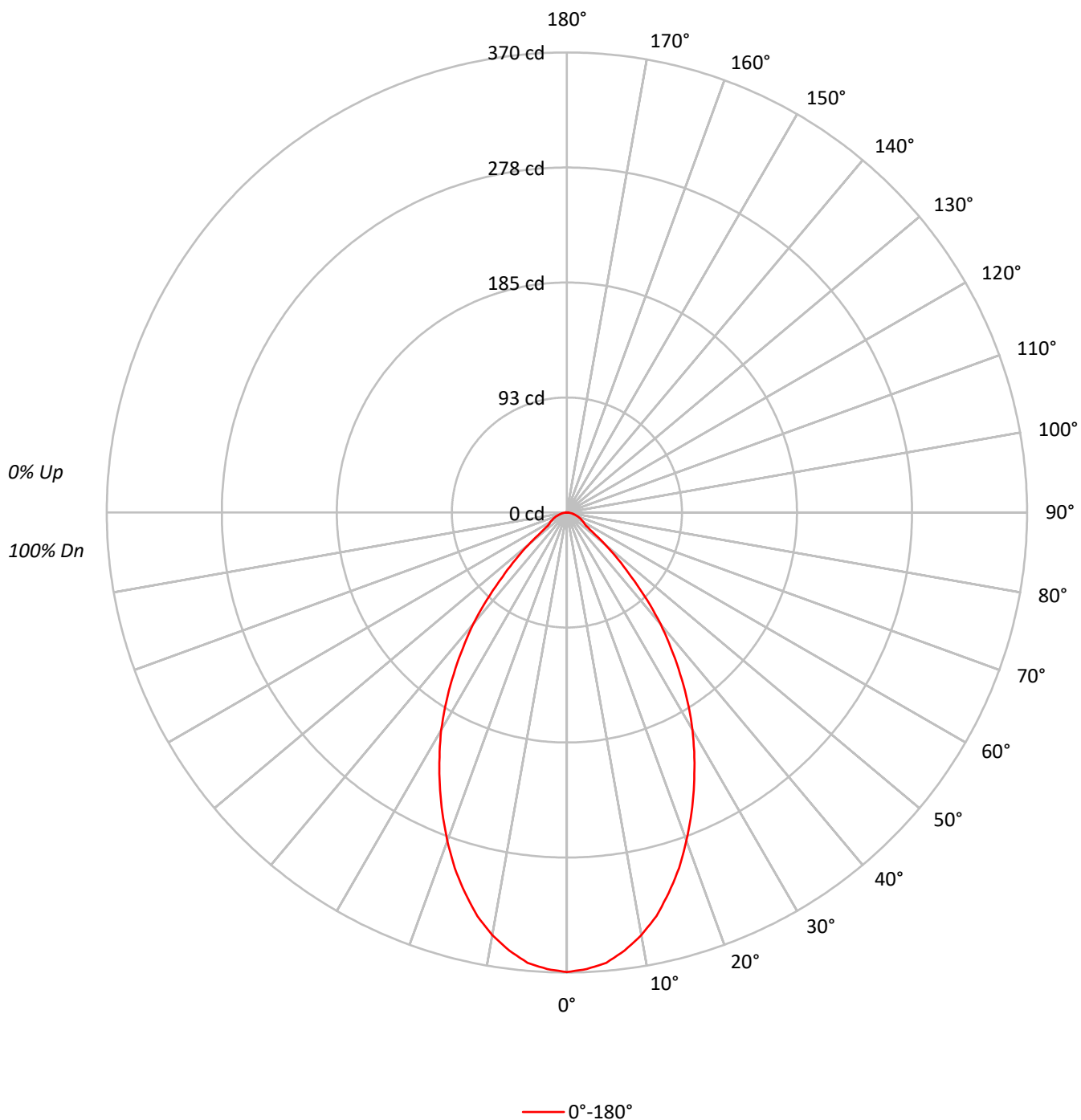
Lumens per Lamp: N/A
Luminaire Lumens: 430.9 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	102	103	100	98		99	97	96		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81046
5°	80013
10°	76841
15°	71873
20°	65572
25°	58503
30°	51172
35°	42510
40°	33520
45°	22731
50°	13884
55°	7187
60°	6710
65°	6330
70°	5898
75°	5168
80°	5177
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22731 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	7.9
10°-20°	88.5	20.5
20°-30°	110.8	25.7
30°-40°	98.9	23.0
40°-50°	57.9	13.4
50°-60°	20.0	4.6
60°-70°	12.1	2.8
70°-80°	6.7	1.6
80°-90°	1.9	0.4
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°	233.4	54.2
0°-40°	332.3	77.1
0°-60°	410.2	95.2
0°-90°	430.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	430.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	370	
5°	364	34
15°	317	88
25°	242	111
35°	159	99
45°	73	58
55°	19	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	369.6
2.5°	367.5
5°	363.5
7.5°	355.3
10°	345.1
12.5°	332.4
15°	316.6
17.5°	299.8
20°	281.0
22.5°	261.6
25°	241.8
27.5°	221.9
30°	202.1
32.5°	180.7
35°	158.8
37.5°	137.4
40°	117.1
42.5°	95.2
45°	73.3
47.5°	56.0
50°	40.7
52.5°	26.5
55°	18.8
57.5°	16.8
60°	15.3
62.5°	13.7
65°	12.2
67.5°	10.7
70°	9.2
72.5°	7.6
75°	6.1
77.5°	5.1
80°	4.1
82.5°	2.5
85°	1.5
87.5°	1.0
90°	0.0

(END OF REPORT)