

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: P1258993

Luminaire Tested: P3AS02R559050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258993
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: P3AS02R559050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

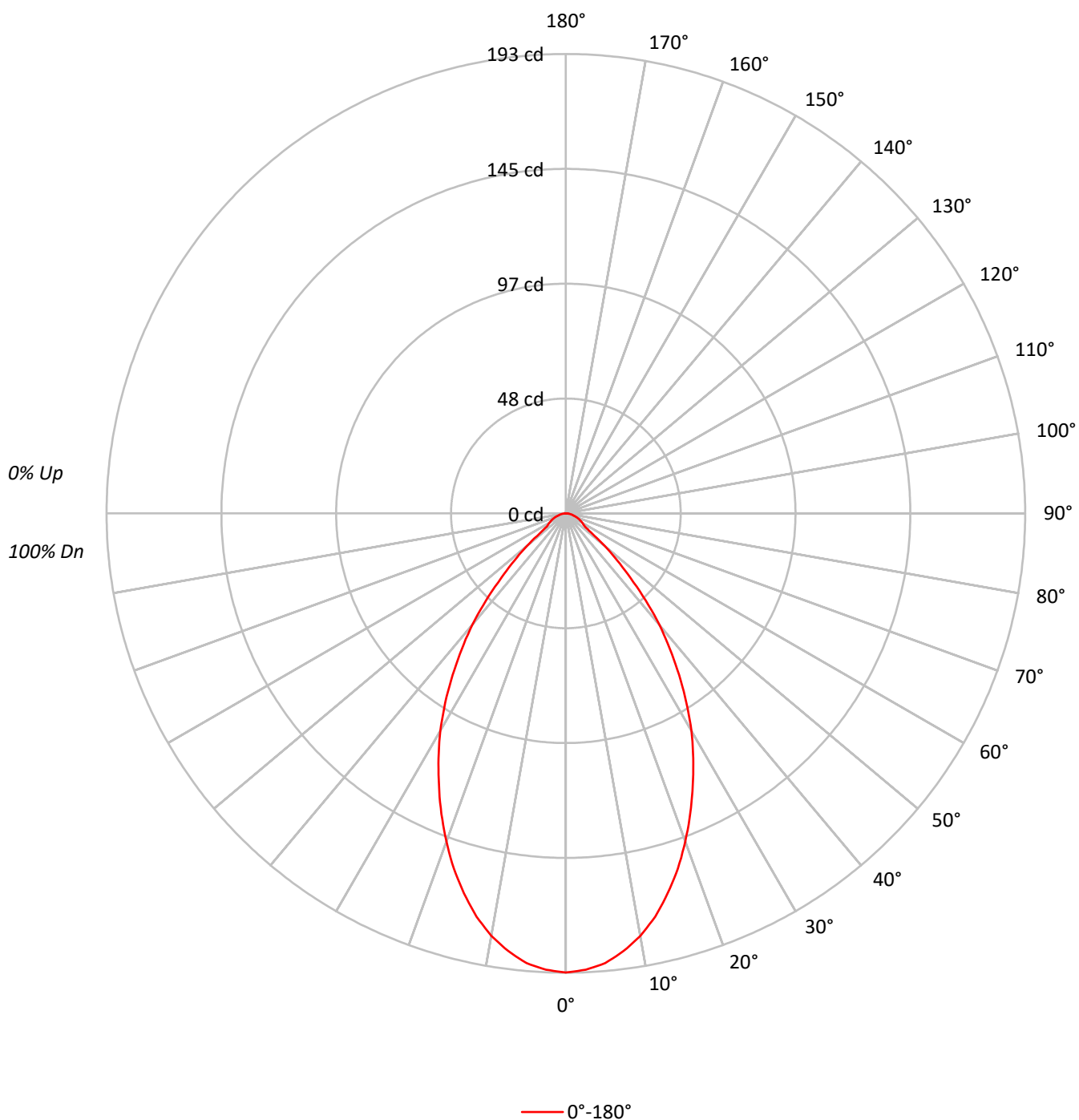
Lumens per Lamp: N/A
Luminaire Lumens: 225.0 lumens
Efficiency: N/A
Efficacy: 62.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	54	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°	42299
5°	41756
10°	40124
15°	37526
20°	34233
25°	30534
30°	26713
35°	22192
40°	17490
45°	11877
50°	7266
55°	3747
60°	3508
65°	3321
70°	3077
75°	2711
80°	2652
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11877 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.8	7.9
10°-20°	46.2	20.5
20°-30°	57.9	25.7
30°-40°	51.6	22.9
40°-50°	30.2	13.4
50°-60°	10.4	4.6
60°-70°	6.3	2.8
70°-80°	3.5	1.6
80°-90°	1.0	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°	121.8	54.1
0°-40°	173.5	77.1
0°-60°	214.2	95.2
0°-90°	225.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	225.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	193	
5°	190	18
15°	165	46
25°	126	58
35°	83	52
45°	38	30
55°	10	10
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	192.9
2.5°	191.9
5°	189.7
7.5°	185.5
10°	180.2
12.5°	173.5
15°	165.3
17.5°	156.5
20°	146.7
22.5°	136.6
25°	126.2
27.5°	115.9
30°	105.5
32.5°	94.3
35°	82.9
37.5°	71.8
40°	61.1
42.5°	49.7
45°	38.3
47.5°	29.2
50°	21.3
52.5°	13.8
55°	9.8
57.5°	8.8
60°	8.0
62.5°	7.2
65°	6.4
67.5°	5.6
70°	4.8
72.5°	4.0
75°	3.2
77.5°	2.7
80°	2.1
82.5°	1.3
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)