

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: P1286991

Luminaire Tested: P3AS09R659030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286991
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: P3AS09R659030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

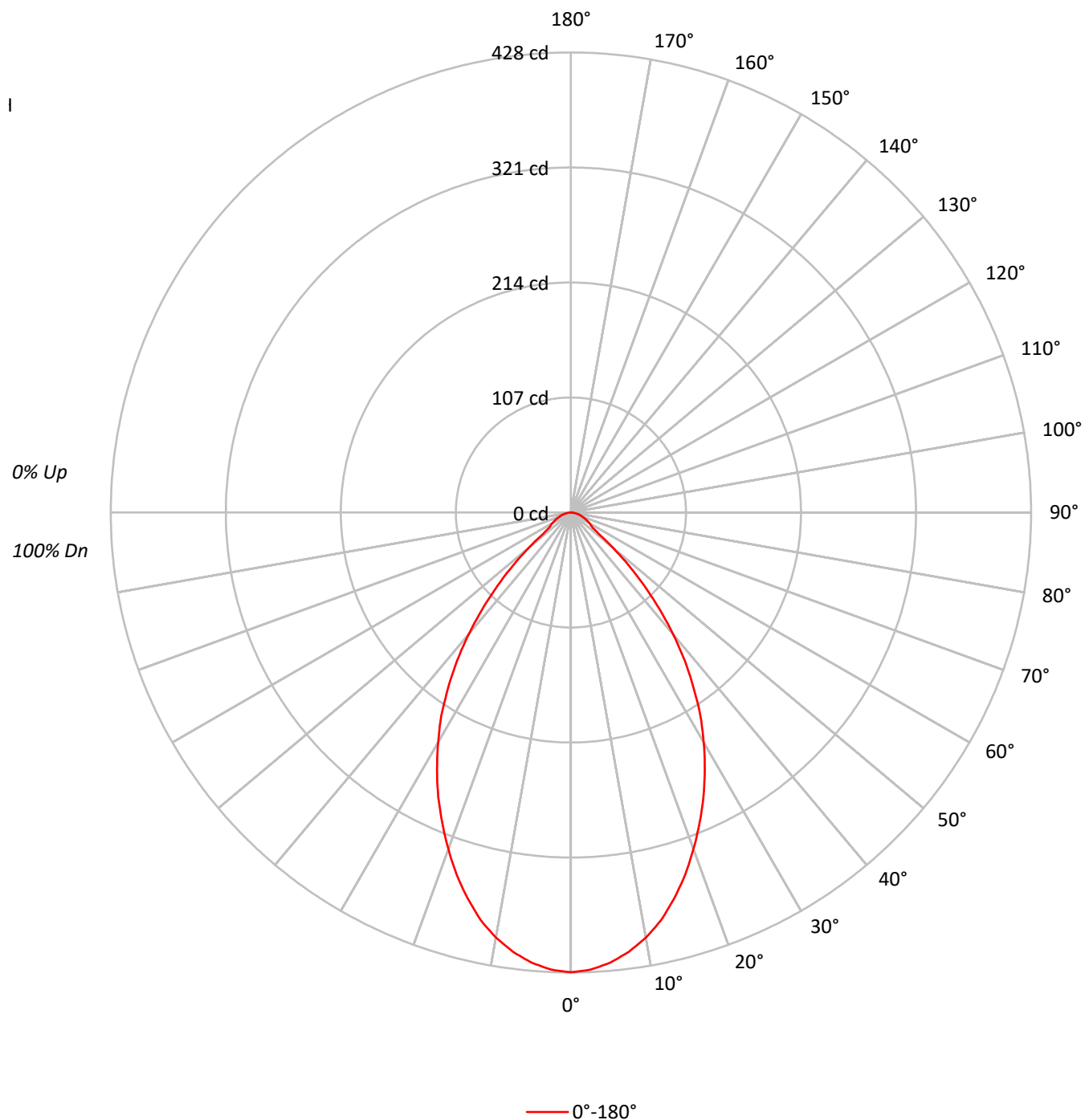
Lumens per Lamp: N/A
Luminaire Lumens: 527.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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°	93786
5°	92516
10°	89422
15°	84336
20°	77777
25°	70601
30°	62541
35°	53217
40°	42336
45°	29895
50°	17364
55°	9481
60°	8815
65°	7990
70°	7309
75°	6778
80°	5935
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29895 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.5	7.5
10°-20°	103.9	19.7
20°-30°	133.6	25.3
30°-40°	123.5	23.4
40°-50°	74.6	14.2
50°-60°	25.5	4.8
60°-70°	15.3	2.9
70°-80°	8.6	1.6
80°-90°	2.4	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°	277.0	52.6
0°-40°	400.6	76.0
0°-60°	500.6	95.0
0°-90°	527.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	527.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	428	
5°	420	40
15°	372	104
25°	292	134
35°	199	124
45°	96	75
55°	25	25
65°	15	15
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	427.7
2.5°	425.7
5°	420.3
7.5°	412.3
10°	401.6
12.5°	388.2
15°	371.5
17.5°	353.4
20°	333.3
22.5°	312.6
25°	291.8
27.5°	269.7
30°	247.0
32.5°	224.2
35°	198.8
37.5°	174.0
40°	147.9
42.5°	121.8
45°	96.4
47.5°	73.0
50°	50.9
52.5°	32.1
55°	24.8
57.5°	22.1
60°	20.1
62.5°	17.4
65°	15.4
67.5°	13.4
70°	11.4
72.5°	10.0
75°	8.0
77.5°	6.7
80°	4.7
82.5°	3.3
85°	2.0
87.5°	1.3
90°	0.0

(END OF REPORT)