

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: P1286207

Luminaire Tested: P3AS02R509030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286207
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

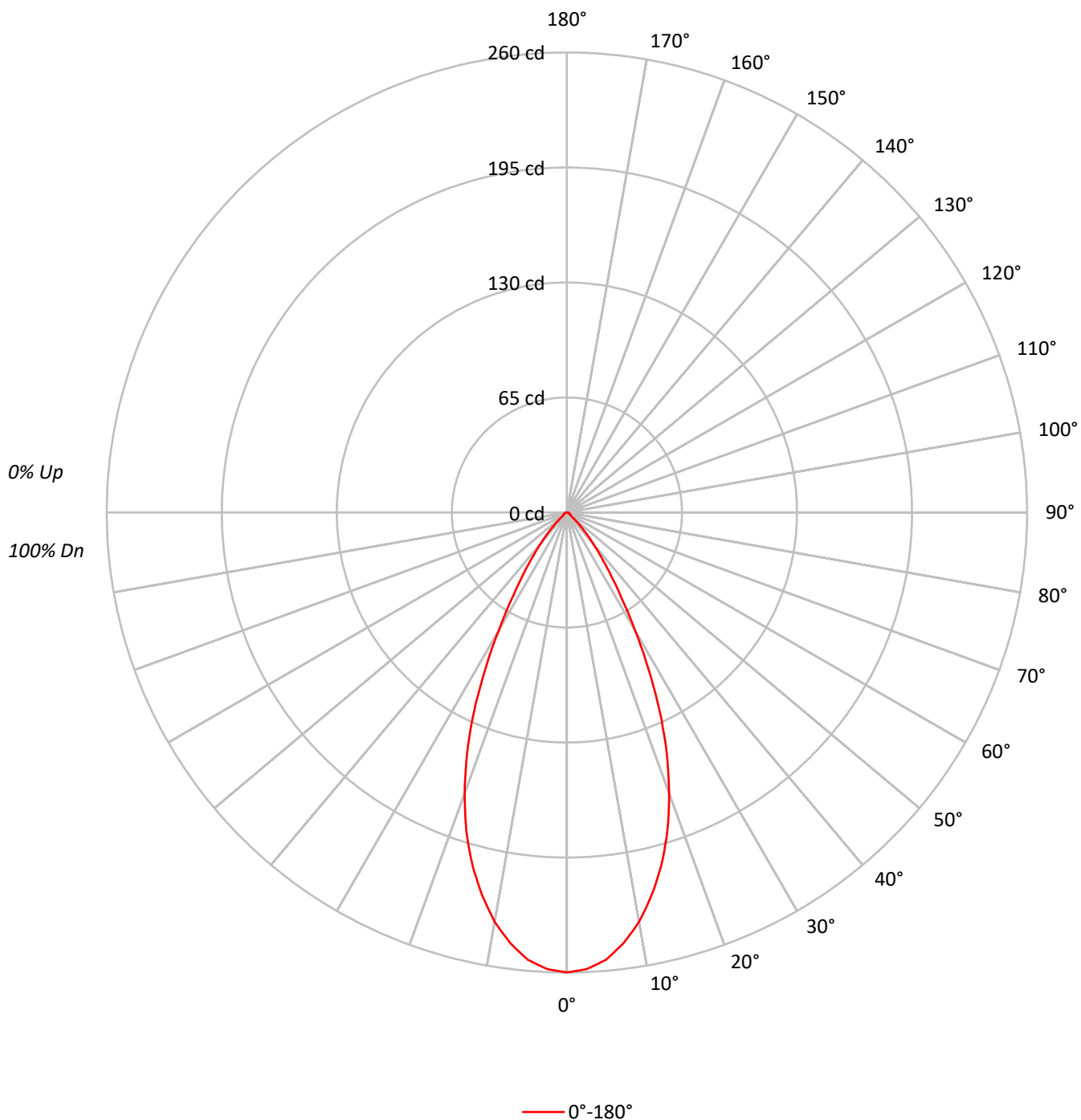
Lumens per Lamp: N/A
Luminaire Lumens: 179.0 lumens
Efficiency: N/A
Efficacy: 24.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	99	98		97	96	95
2	108	103	99	96		106	102	98	95		98	95	93		95	93	91		93	91	89
3	103	97	92	88		101	95	91	87		93	89	86		90	87	84		88	85	83
4	98	91	85	81		96	90	85	81		87	83	80		85	82	79		84	80	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	75	71		88	80	74	70		78	73	70		77	73	69		75	72	69
7	85	76	70	66		84	75	70	66		74	69	66		73	69	65		72	68	65
8	81	72	66	62		80	71	66	62		70	65	62		69	65	62		68	64	61
9	78	68	63	59		76	68	62	59		67	62	59		66	62	58		65	61	58
10	74	65	59	56		73	65	59	56		64	59	55		63	58	55		62	58	55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56991
5°	55844
10°	52304
15°	46833
20°	39413
25°	30074
30°	19547
35°	11591
40°	6698
45°	3349
50°	1262
55°	956
60°	921
65°	830
70°	833
75°	847
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3349 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	13.2
10°-20°	57.0	31.9
20°-30°	56.0	31.3
30°-40°	28.2	15.8
40°-50°	8.9	5.0
50°-60°	2.3	1.3
60°-70°	1.6	0.9
70°-80°	1.0	0.6
80°-90°	0.4	0.2
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°	136.6	76.3
0°-40°	164.8	92.1
0°-60°	176.0	98.3
0°-90°	179.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	179.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	260	
5°	254	24
15°	206	57
25°	124	56
35°	43	28
45°	11	9
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	259.9
2.5°	258.3
5°	253.7
7.5°	245.4
10°	234.9
12.5°	221.4
15°	206.3
17.5°	188.8
20°	168.9
22.5°	147.4
25°	124.3
27.5°	99.8
30°	77.2
32.5°	58.1
35°	43.3
37.5°	32.0
40°	23.4
42.5°	16.6
45°	10.8
47.5°	6.2
50°	3.7
52.5°	2.7
55°	2.5
57.5°	2.2
60°	2.1
62.5°	1.9
65°	1.6
67.5°	1.4
70°	1.3
72.5°	1.1
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)