

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: P1260351

Luminaire Tested: P3AS17R309050DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260351
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309050DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

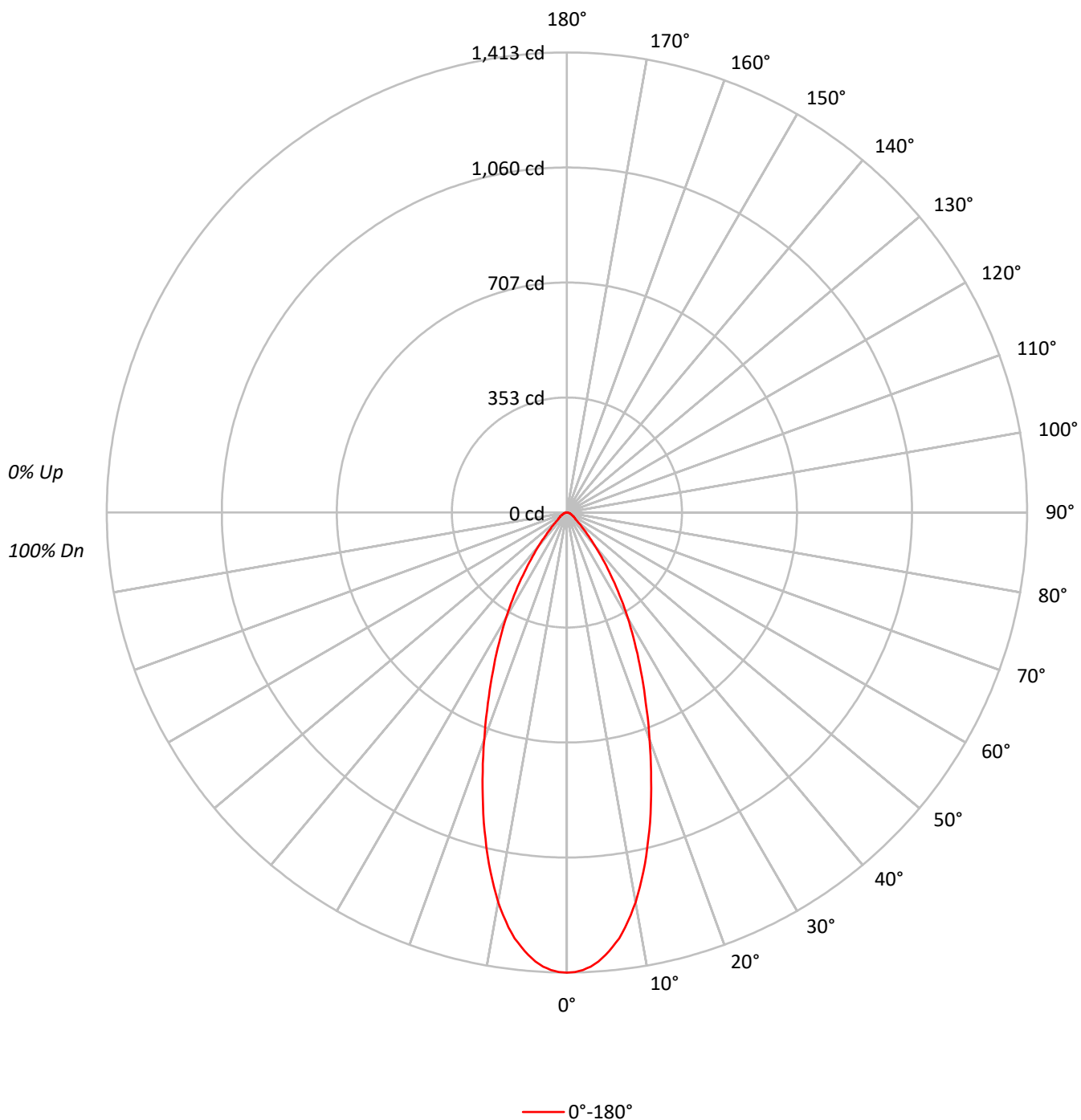
Lumens per Lamp: N/A
Luminaire Lumens: 906.9 lumens
Efficiency: N/A
Efficacy: 42.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	309931
5°	300285
10°	270558
15°	223815
20°	173288
25°	129975
30°	94369
35°	62881
40°	38644
45°	22669
50°	13919
55°	11278
60°	9868
65°	8042
70°	7245
75°	7117
80°	5304
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22669 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.5	13.8
10°-20°	271.5	29.9
20°-30°	247.0	27.2
30°-40°	149.4	16.5
40°-50°	59.9	6.6
50°-60°	26.5	2.9
60°-70°	16.0	1.8
70°-80°	8.7	1.0
80°-90°	2.5	0.3
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°	644.0	71.0
0°-40°	793.4	87.5
0°-60°	879.8	97.0
0°-90°	906.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	906.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1413	
5°	1364	125
15°	986	272
25°	537	247
35°	235	149
45°	73	60
55°	30	26
65°	16	16
75°	8	9
85°	3	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1413.4
1°	1412.0
2°	1406.4
3°	1396.6
4°	1382.5
5°	1364.2
6°	1341.7
7°	1317.8
8°	1286.9
9°	1251.7
10°	1215.1
11°	1172.9
12°	1127.9
13°	1082.9
14°	1033.7
15°	985.9
17.5°	860.7
20°	742.6
22.5°	632.9
25°	537.2
27.5°	450.0
30°	372.7
32.5°	301.0
35°	234.9
37.5°	180.0
40°	135.0
42.5°	98.4
45°	73.1
47.5°	54.8
50°	40.8
52.5°	32.3
55°	29.5
57.5°	25.3
60°	22.5
62.5°	18.3
65°	15.5
67.5°	14.1
70°	11.3
72.5°	9.8
75°	8.4
77.5°	7.0
80°	4.2
82.5°	2.8
85°	2.8
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)