

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: P1252752

Luminaire Tested: P3AS20R409030D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252752
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409030D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

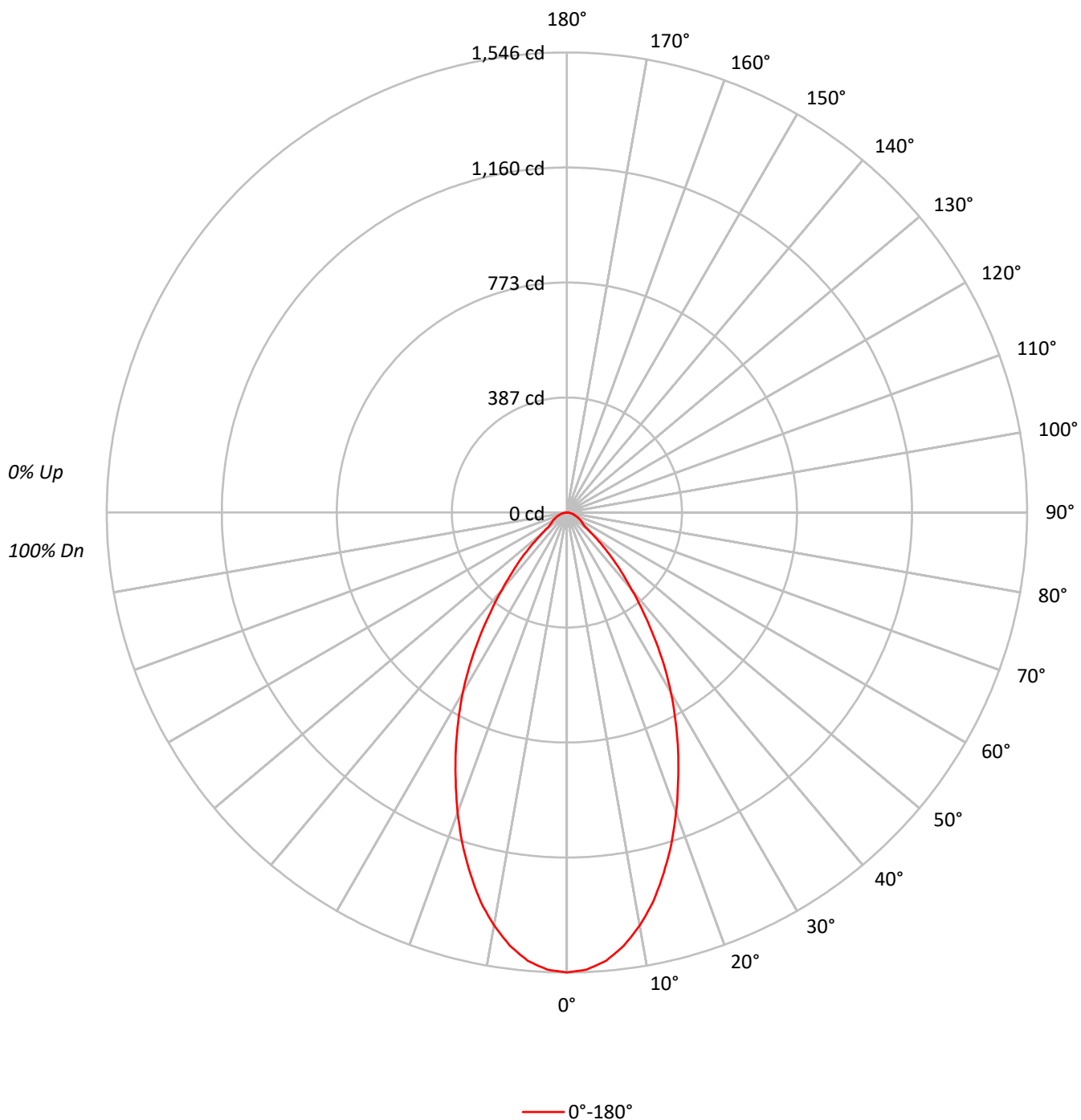
Lumens per Lamp: N/A
Luminaire Lumens: 1510.0 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	338964
5°	332819
10°	313733
15°	284951
20°	250342
25°	213787
30°	177091
35°	136577
40°	97211
45°	65495
50°	35717
55°	25194
60°	23726
65°	21896
70°	19490
75°	18639
80°	14901
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 65495 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.0	9.3
10°-20°	349.7	23.2
20°-30°	404.2	26.8
30°-40°	318.6	21.1
40°-50°	163.5	10.8
50°-60°	62.5	4.1
60°-70°	41.4	2.7
70°-80°	22.5	1.5
80°-90°	6.7	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°	894.9	59.3
0°-40°	1213.5	80.4
0°-60°	1439.5	95.3
0°-90°	1510.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1510.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1546	
5°	1512	141
15°	1255	350
25°	884	404
35°	510	319
45°	211	164
55°	66	63
65°	42	41
75°	22	22
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1545.8
2.5°	1537.4
5°	1512.0
7.5°	1468.1
10°	1409.0
12.5°	1339.7
15°	1255.2
17.5°	1167.4
20°	1072.8
22.5°	976.5
25°	883.6
27.5°	790.6
30°	699.4
32.5°	606.5
35°	510.2
37.5°	420.7
40°	339.6
42.5°	270.3
45°	211.2
47.5°	153.7
50°	104.7
52.5°	76.0
55°	65.9
57.5°	59.1
60°	54.1
62.5°	47.3
65°	42.2
67.5°	35.5
70°	30.4
72.5°	25.3
75°	22.0
77.5°	16.9
80°	11.8
82.5°	10.1
85°	5.1
87.5°	3.4
90°	0.0

(END OF REPORT)