

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: P1253061

Luminaire Tested: P3AS24R359030D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253061
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359030D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

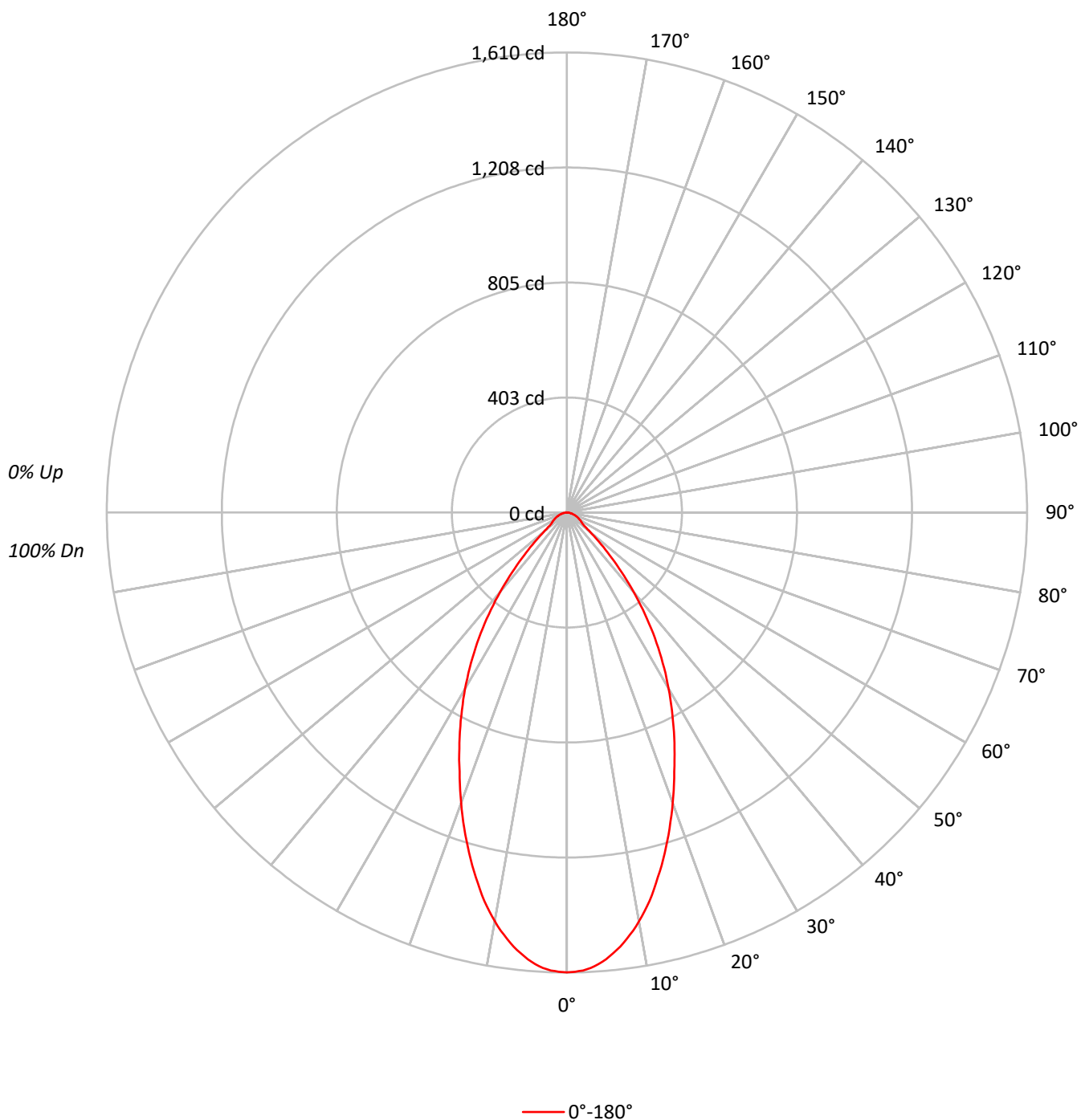
Lumens per Lamp: N/A
Luminaire Lumens: 1545.0 lumens
Efficiency: N/A
Efficacy: 53.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	352932
5°	345454
10°	323508
15°	290399
20°	252605
25°	215262
30°	180306
35°	143617
40°	103823
45°	65712
50°	35820
55°	24812
60°	23463
65°	21792
70°	20837
75°	17792
80°	16921
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 65712 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.0	9.5
10°-20°	356.0	23.0
20°-30°	407.9	26.4
30°-40°	332.9	21.5
40°-50°	167.8	10.9
50°-60°	62.4	4.0
60°-70°	41.8	2.7
70°-80°	23.2	1.5
80°-90°	7.0	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°	910.0	58.9
0°-40°	1242.8	80.4
0°-60°	1473.0	95.3
0°-90°	1545.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1545.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1610	
5°	1569	146
15°	1279	356
25°	890	408
35°	536	333
45°	212	168
55°	65	62
65°	42	42
75°	21	23
85°	6	7
90°	0	

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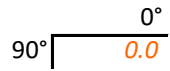
CANDELA DISTRIBUTION (FULL):

0°	
0°	1609.5
1°	1607.6
2°	1603.7
3°	1596.1
4°	1584.6
5°	1569.4
6°	1550.3
7°	1531.2
8°	1506.4
9°	1481.5
10°	1452.9
11°	1422.4
12°	1389.9
13°	1353.6
14°	1315.4
15°	1279.2
17.5°	1181.8
20°	1082.5
22.5°	981.3
25°	889.7
27.5°	800.0
30°	712.1
32.5°	624.3
35°	536.5
37.5°	448.7
40°	362.7
42.5°	282.6
45°	211.9
47.5°	152.7
50°	105.0
52.5°	76.4
55°	64.9
57.5°	59.2
60°	53.5
62.5°	47.7
65°	42.0
67.5°	36.3
70°	32.5
72.5°	26.7
75°	21.0
77.5°	17.2
80°	13.4
82.5°	9.5
85°	5.7
87.5°	3.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)