

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: P1258475

Luminaire Tested: P3AS24R359040D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258475
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: P3AS24R359040D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

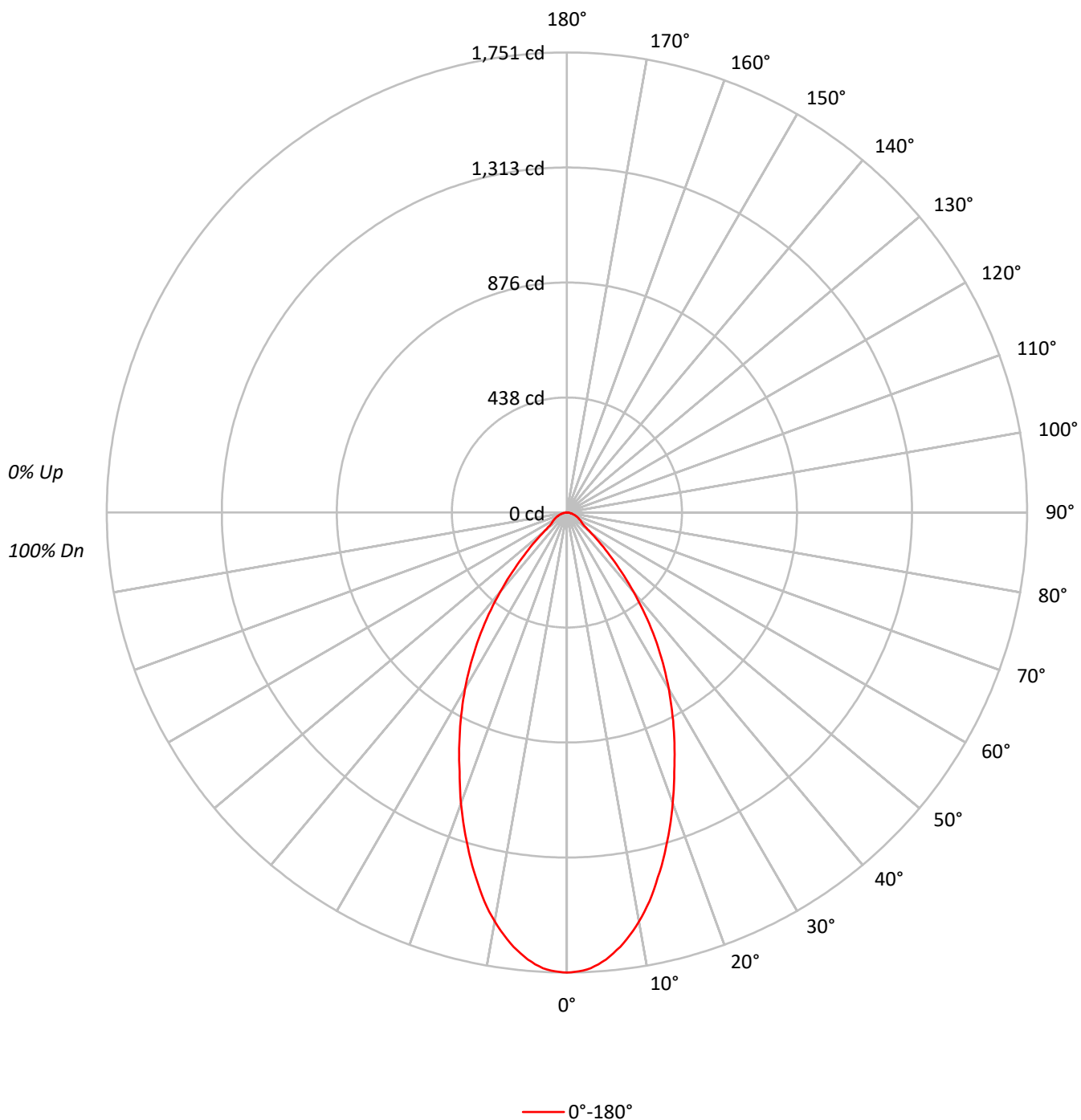
Lumens per Lamp: N/A
Luminaire Lumens: 1681.0 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	383982
5°	375852
10°	351986
15°	315961
20°	274844
25°	234207
30°	196182
35°	156252
40°	112983
45°	71511
50°	38958
55°	26991
60°	25524
65°	23712
70°	22632
75°	19317
80°	18310
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 71511 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.9	9.5
10°-20°	387.3	23.0
20°-30°	443.8	26.4
30°-40°	362.2	21.5
40°-50°	182.6	10.9
50°-60°	67.8	4.0
60°-70°	45.5	2.7
70°-80°	25.2	1.5
80°-90°	7.6	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°	990.1	58.9
0°-40°	1352.2	80.4
0°-60°	1602.7	95.3
0°-90°	1681.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1681.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1751	
5°	1708	159
15°	1392	387
25°	968	444
35°	584	362
45°	231	183
55°	71	68
65°	46	45
75°	23	25
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1751.1
1°	1749.1
2°	1744.9
3°	1736.6
4°	1724.1
5°	1707.5
6°	1686.7
7°	1666.0
8°	1639.0
9°	1612.0
10°	1580.8
11°	1547.6
12°	1512.3
13°	1472.8
14°	1431.2
15°	1391.8
17.5°	1285.8
20°	1177.8
22.5°	1067.7
25°	968.0
27.5°	870.4
30°	774.8
32.5°	679.3
35°	583.7
37.5°	488.2
40°	394.7
42.5°	307.4
45°	230.6
47.5°	166.2
50°	114.2
52.5°	83.1
55°	70.6
57.5°	64.4
60°	58.2
62.5°	51.9
65°	45.7
67.5°	39.5
70°	35.3
72.5°	29.1
75°	22.8
77.5°	18.7
80°	14.5
82.5°	10.4
85°	6.2
87.5°	4.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)