

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: P1255423

Luminaire Tested: P3AS20R359035D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255423
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: P3AS20R359035D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

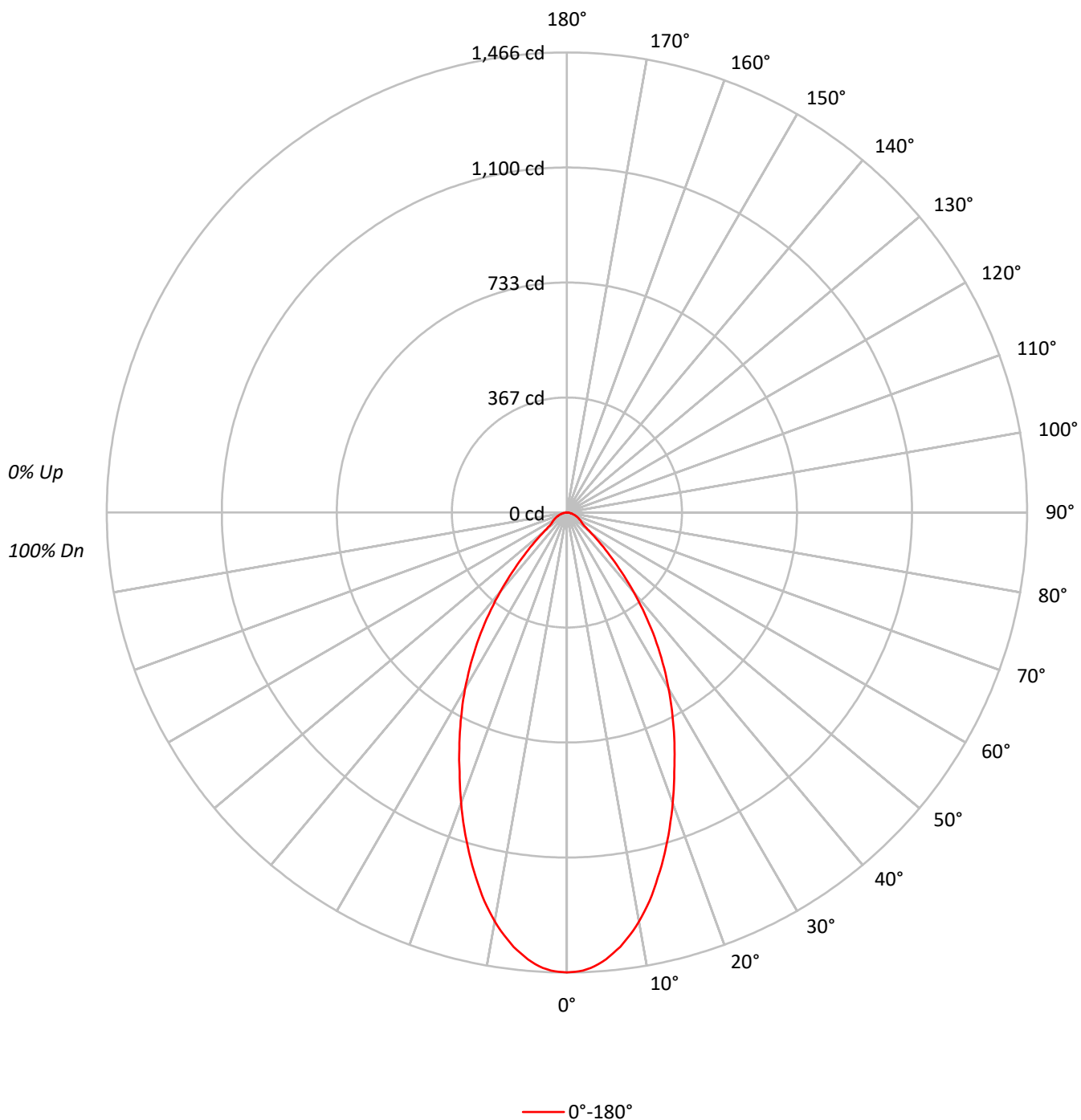
Lumens per Lamp: N/A
Luminaire Lumens: 1407.0 lumens
Efficiency: N/A
Efficacy: 48.9 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	321400
5°	314593
10°	294606
15°	264451
20°	230040
25°	196027
30°	164202
35°	130794
40°	94549
45°	59851
50°	32613
55°	22594
60°	21358
65°	19872
70°	18978
75°	16182
80°	15406
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59851 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.0	9.5
10°-20°	324.2	23.0
20°-30°	371.5	26.4
30°-40°	303.1	21.5
40°-50°	152.9	10.9
50°-60°	56.8	4.0
60°-70°	38.1	2.7
70°-80°	21.1	1.5
80°-90°	6.4	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°	828.7	58.9
0°-40°	1131.8	80.4
0°-60°	1341.4	95.3
0°-90°	1407.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1407.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1466	
5°	1429	133
15°	1165	324
25°	810	371
35°	489	303
45°	193	153
55°	59	57
65°	38	38
75°	19	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1465.7
1°	1464.0
2°	1460.5
3°	1453.5
4°	1443.1
5°	1429.2
6°	1411.8
7°	1394.4
8°	1371.8
9°	1349.2
10°	1323.1
11°	1295.3
12°	1265.8
13°	1232.7
14°	1197.9
15°	1164.9
17.5°	1076.2
20°	985.8
22.5°	893.7
25°	810.2
27.5°	728.5
30°	648.5
32.5°	568.5
35°	488.6
37.5°	408.6
40°	330.3
42.5°	257.3
45°	193.0
47.5°	139.1
50°	95.6
52.5°	69.5
55°	59.1
57.5°	53.9
60°	48.7
62.5°	43.5
65°	38.3
67.5°	33.0
70°	29.6
72.5°	24.3
75°	19.1
77.5°	15.6
80°	12.2
82.5°	8.7
85°	5.2
87.5°	3.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)