

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: P1253518

Luminaire Tested: P3AS02R359035DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253518
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359035DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

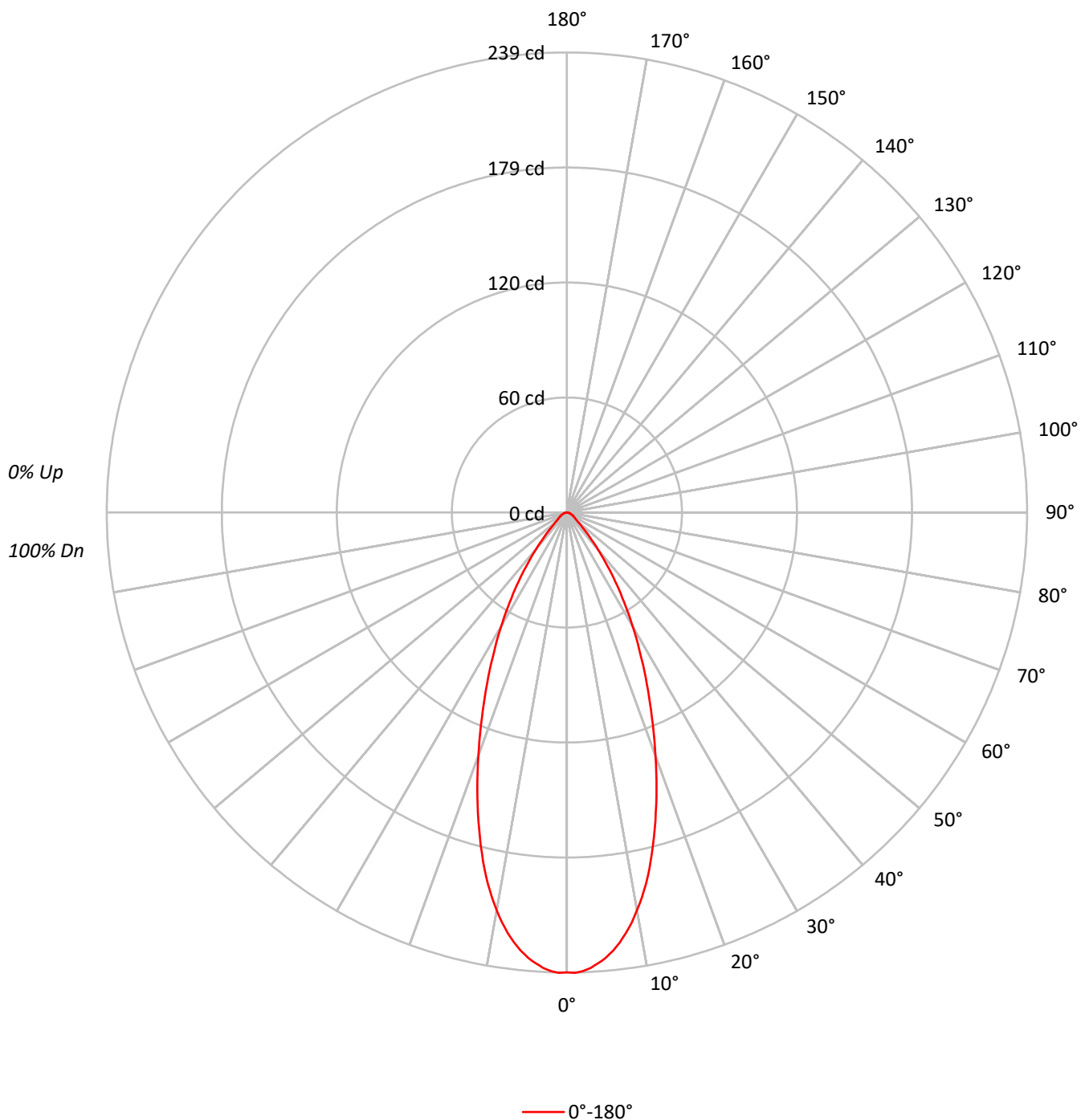
Lumens per Lamp: N/A
Luminaire Lumens: 163.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		83	80	77		82
5	92	83	77	73	90	82	77	73	80	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52386
5°	51111
10°	46715
15°	39660
20°	31386
25°	23735
30°	17294
35°	11698
40°	7185
45°	4124
50°	2490
55°	2026
60°	1754
65°	1557
70°	1282
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4124 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.5	13.2
10°-20°	48.2	29.5
20°-30°	45.0	27.6
30°-40°	27.6	16.9
40°-50°	10.9	6.7
50°-60°	4.8	2.9
60°-70°	3.0	1.8
70°-80°	1.6	1.0
80°-90°	0.6	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°	114.7	70.3
0°-40°	142.2	87.2
0°-60°	157.9	96.8
0°-90°	163.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	163.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	239	
5°	232	21
15°	175	48
25°	98	45
35°	44	28
45°	13	11
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	238.9
1°	239.2
2°	238.4
3°	236.9
4°	234.7
5°	232.2
6°	228.9
7°	225.1
8°	220.6
9°	215.6
10°	209.8
11°	203.8
12°	197.3
13°	190.2
14°	182.5
15°	174.7
17.5°	154.6
20°	134.5
22.5°	115.2
25°	98.1
27.5°	82.3
30°	68.3
32.5°	55.2
35°	43.7
37.5°	33.4
40°	25.1
42.5°	18.1
45°	13.3
47.5°	9.5
50°	7.3
52.5°	6.0
55°	5.3
57.5°	4.5
60°	4.0
62.5°	3.5
65°	3.0
67.5°	2.5
70°	2.0
72.5°	1.8
75°	1.5
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)