

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: P1253691

Luminaire Tested: P3AS02R659035DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253691
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659035DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

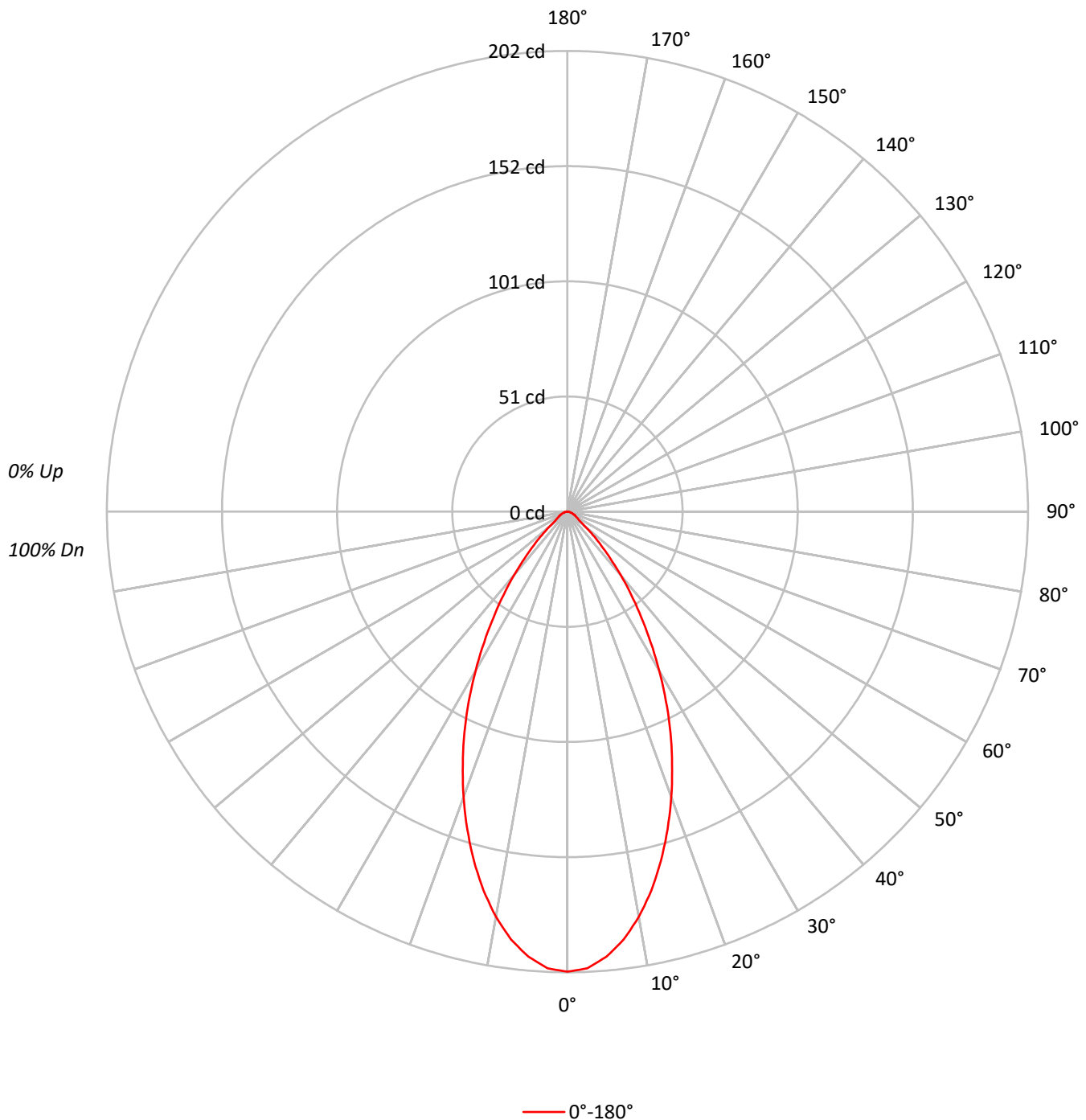
Lumens per Lamp: N/A
Luminaire Lumens: 174.1 lumens
Efficiency: N/A
Efficacy: 48.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1253691

CATALOG NUMBER: P3AS02R659035DE010 E3DLP1H

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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	64	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	63	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44229
5°	43121
10°	40168
15°	35982
20°	31083
25°	25864
30°	20383
35°	15098
40°	10420
45°	6450
50°	3514
55°	2217
60°	1886
65°	1712
70°	1475
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6450 cd/sqm

TEST NUMBER: P1253691

CATALOG NUMBER: P3AS02R659035DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	10.5
10°-20°	44.1	25.3
20°-30°	48.7	28.0
30°-40°	35.4	20.3
40°-50°	16.6	9.5
50°-60°	5.6	3.2
60°-70°	3.3	1.9
70°-80°	1.7	1.0
80°-90°	0.6	0.3
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°	111.0	63.8
0°-40°	146.4	84.1
0°-60°	168.5	96.8
0°-90°	174.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	174.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	202	
5°	196	18
15°	158	44
25°	107	49
35°	56	35
45°	21	17
55°	6	6
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	201.7
2.5°	200.4
5°	195.9
7.5°	189.2
10°	180.4
12.5°	170.1
15°	158.5
17.5°	146.0
20°	133.2
22.5°	119.9
25°	106.9
27.5°	93.6
30°	80.5
32.5°	68.0
35°	56.4
37.5°	45.9
40°	36.4
42.5°	27.8
45°	20.8
47.5°	15.1
50°	10.3
52.5°	7.0
55°	5.8
57.5°	5.0
60°	4.3
62.5°	3.8
65°	3.3
67.5°	2.8
70°	2.3
72.5°	2.0
75°	1.5
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)