

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: P1250983

Luminaire Tested: P3AS02R659030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250983
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: P3AS02R659030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

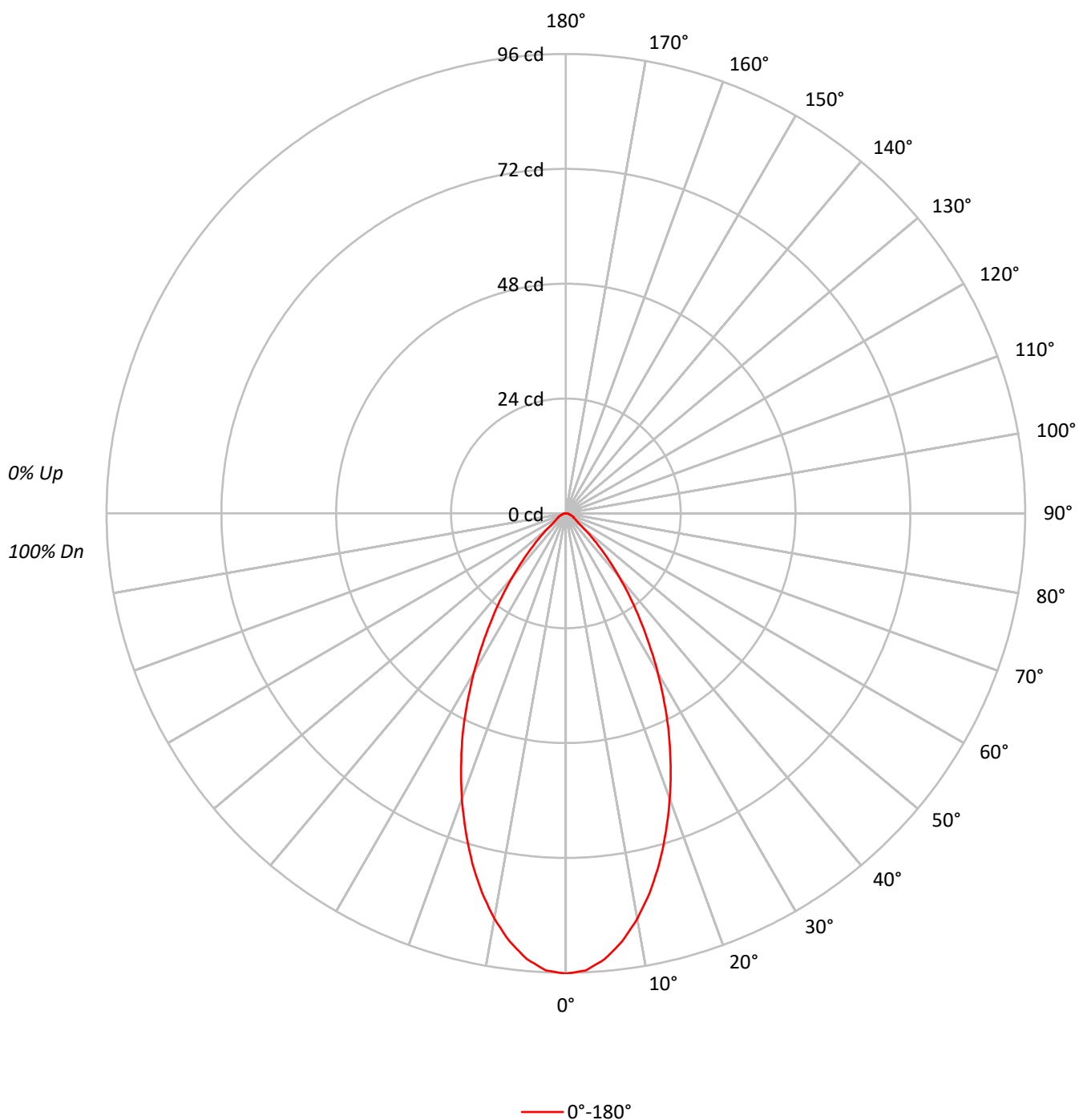
Lumens per Lamp: N/A
Luminaire Lumens: 83.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	21095
5°	20581
10°	19149
15°	17162
20°	14818
25°	12339
30°	9723
35°	7201
40°	4981
45°	3070
50°	1672
55°	1070
60°	877
65°	830
70°	705
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3070 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	10.5
10°-20°	21.0	25.3
20°-30°	23.2	28.0
30°-40°	16.9	20.3
40°-50°	7.9	9.5
50°-60°	2.7	3.2
60°-70°	1.5	1.9
70°-80°	0.8	1.0
80°-90°	0.3	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°	52.9	63.8
0°-40°	69.8	84.1
0°-60°	80.4	96.8
0°-90°	83.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	83.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	96	
5°	94	9
15°	76	21
25°	51	23
35°	27	17
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	96.2
2.5°	95.6
5°	93.5
7.5°	90.2
10°	86.0
12.5°	81.1
15°	75.6
17.5°	69.6
20°	63.5
22.5°	57.2
25°	51.0
27.5°	44.6
30°	38.4
32.5°	32.4
35°	26.9
37.5°	21.9
40°	17.4
42.5°	13.3
45°	9.9
47.5°	7.2
50°	4.9
52.5°	3.4
55°	2.8
57.5°	2.4
60°	2.0
62.5°	1.8
65°	1.6
67.5°	1.3
70°	1.1
72.5°	1.0
75°	0.7
77.5°	0.6
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)