

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: P1272983

Luminaire Tested: P3A02R309830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272983
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R309830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

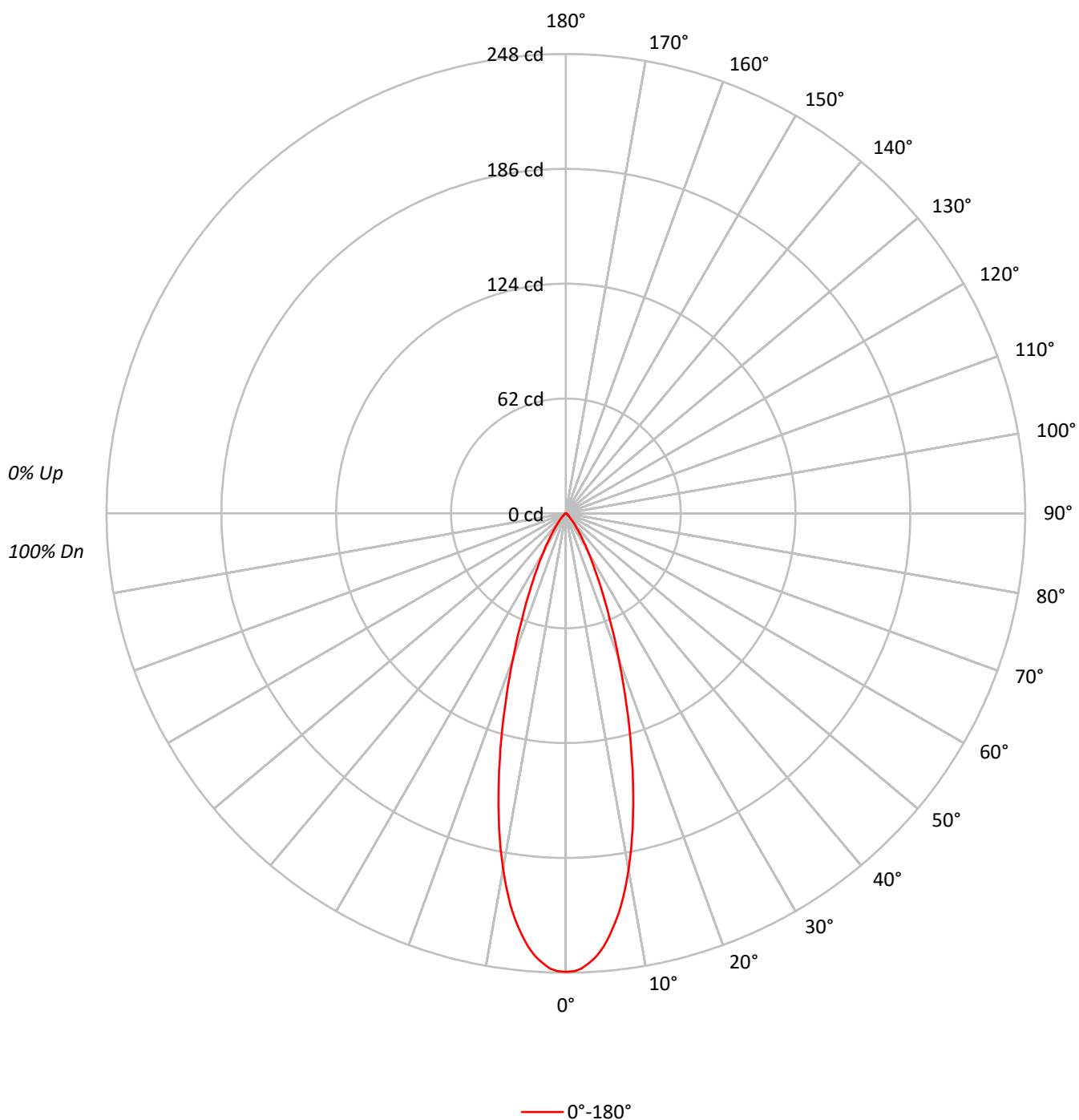
Lumens per Lamp: N/A
Luminaire Lumens: 93.0 lumens
Efficiency: N/A
Efficacy: 25.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		107	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	95	92		103	98	94	91		96	93	90		94	91	89		91	89	87
4	101	95	90	86		99	94	89	86		92	88	85		90	87	84		88	85	83
5	97	90	85	82		96	89	85	81		88	84	81		86	83	80		85	82	79
6	94	86	81	78		92	85	81	77		84	80	77		83	79	76		81	78	76
7	90	82	77	74		89	82	77	74		81	76	73		80	76	73		78	75	73
8	87	79	74	71		86	78	74	71		77	73	70		77	73	70		76	72	70
9	84	76	71	68		83	75	71	68		75	70	67		74	70	67		73	70	67
10	81	73	68	65		80	73	68	65		72	68	65		71	67	65		71	67	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	54272
5°	51662
10°	43442
15°	31328
20°	19438
25°	11057
30°	6128
35°	3346
40°	1746
45°	961
50°	512
55°	344
60°	307
65°	311
70°	256
75°	254
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 961 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.1	22.7
10°-20°	37.6	40.4
20°-30°	21.7	23.3
30°-40°	8.2	8.9
40°-50°	2.5	2.7
50°-60°	0.9	0.9
60°-70°	0.6	0.6
70°-80°	0.3	0.4
80°-90°	0.1	0.1
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°	80.4	86.4
0°-40°	88.6	95.3
0°-60°	92.0	98.9
0°-90°	93.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	93.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	248	
5°	235	21
15°	138	38
25°	46	22
35°	12	8
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	247.5
1°	247.3
2°	245.8
3°	243.0
4°	239.5
5°	234.7
6°	228.5
7°	221.7
8°	214.0
9°	204.9
10°	195.1
11°	184.6
12°	173.4
13°	161.7
14°	149.9
15°	138.0
17.5°	108.9
20°	83.3
22.5°	61.8
25°	45.7
27.5°	33.2
30°	24.2
32.5°	17.5
35°	12.5
37.5°	8.7
40°	6.1
42.5°	4.3
45°	3.1
47.5°	2.1
50°	1.5
52.5°	1.1
55°	0.9
57.5°	0.8
60°	0.7
62.5°	0.6
65°	0.6
67.5°	0.5
70°	0.4
72.5°	0.4
75°	0.3
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)