

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: P1268831

Luminaire Tested: P3AS02R659740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268831
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: P3AS02R659740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

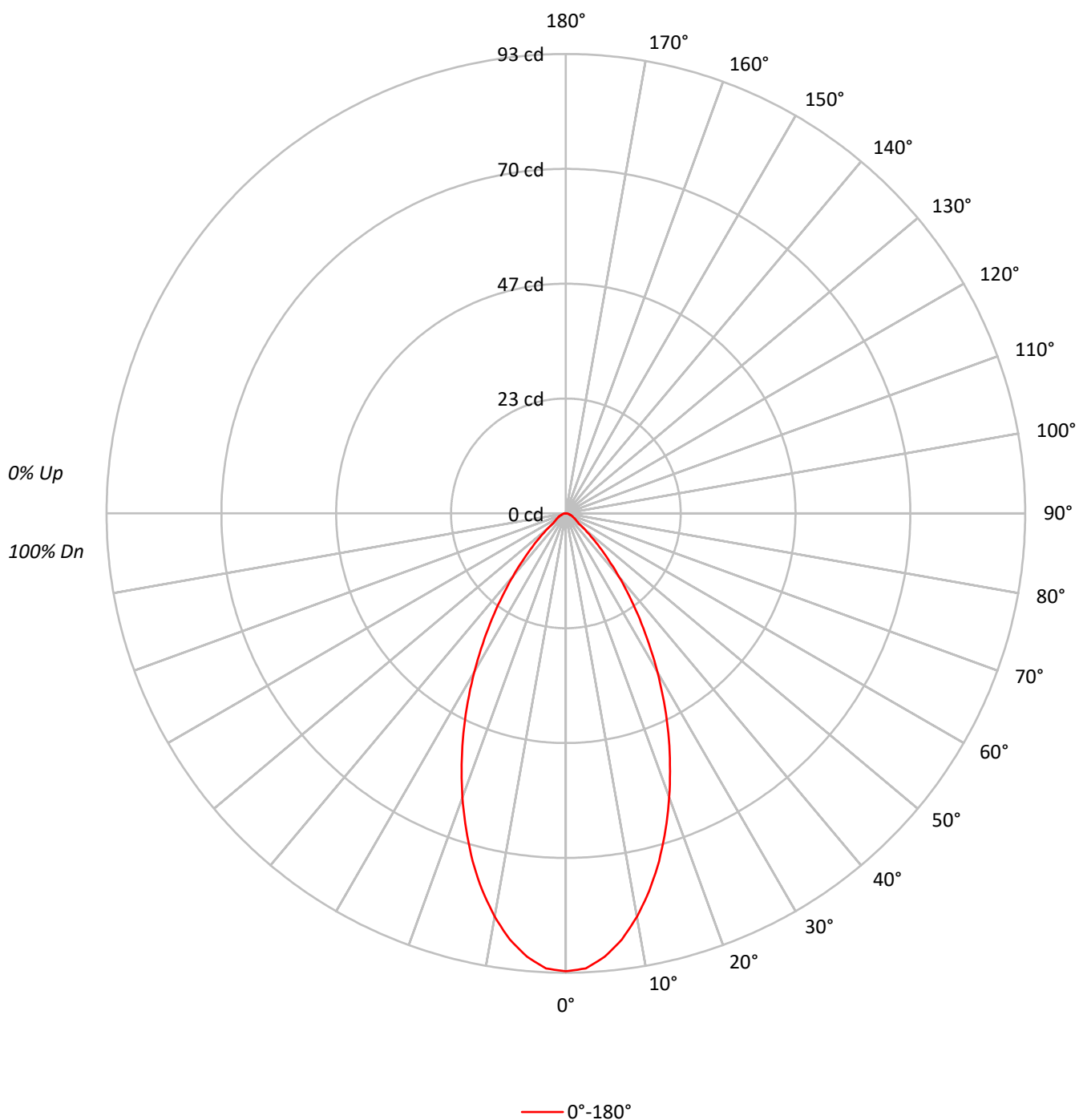
Lumens per Lamp: N/A
Luminaire Lumens: 80.0 lumens
Efficiency: N/A
Efficacy: 22.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					0
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	113	110	107	105		110	108	105	103		104	102	100		100	98	97		96	95	94
2	107	101	97	93		104	100	96	92		96	93	90		93	91	88		90	88	86
3	101	94	88	84		99	92	87	83		90	85	82		87	84	81		85	82	79
4	95	87	81	77		93	86	80	76		84	79	75		82	78	74		80	76	73
5	90	81	75	70		88	80	74	70		78	73	69		77	72	69		75	71	68
6	85	76	69	65		84	75	69	65		73	68	64		72	67	64		71	66	63
7	81	71	65	60		79	70	64	60		69	64	60		68	63	59		67	62	59
8	77	67	60	56		75	66	60	56		65	59	56		64	59	55		63	58	55
9	73	63	57	52		72	62	56	52		61	56	52		60	55	52		59	55	52
10	69	59	53	49		68	59	53	49		58	53	49		57	52	49		56	52	49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20327
5°	19833
10°	18459
15°	16549
20°	14281
25°	11880
30°	9369
35°	6960
40°	4780
45°	2977
50°	1603
55°	1032
60°	877
65°	778
70°	641
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2977 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	10.5
10°-20°	20.3	25.3
20°-30°	22.4	28.0
30°-40°	16.3	20.4
40°-50°	7.6	9.5
50°-60°	2.6	3.2
60°-70°	1.5	1.9
70°-80°	0.8	1.0
80°-90°	0.2	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°	51.0	63.8
0°-40°	67.3	84.1
0°-60°	77.5	96.9
0°-90°	80.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	80.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	93	
5°	90	8
15°	73	20
25°	49	22
35°	26	16
45°	10	8
55°	3	3
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	92.7
2.5°	92.2
5°	90.1
7.5°	87.0
10°	82.9
12.5°	78.2
15°	72.9
17.5°	67.1
20°	61.2
22.5°	55.1
25°	49.1
27.5°	43.0
30°	37.0
32.5°	31.3
35°	26.0
37.5°	21.1
40°	16.7
42.5°	12.8
45°	9.6
47.5°	6.9
50°	4.7
52.5°	3.2
55°	2.7
57.5°	2.3
60°	2.0
62.5°	1.7
65°	1.5
67.5°	1.3
70°	1.0
72.5°	0.9
75°	0.7
77.5°	0.6
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)