

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: P1273219

Luminaire Tested: P3A02R709830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273219
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R709830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

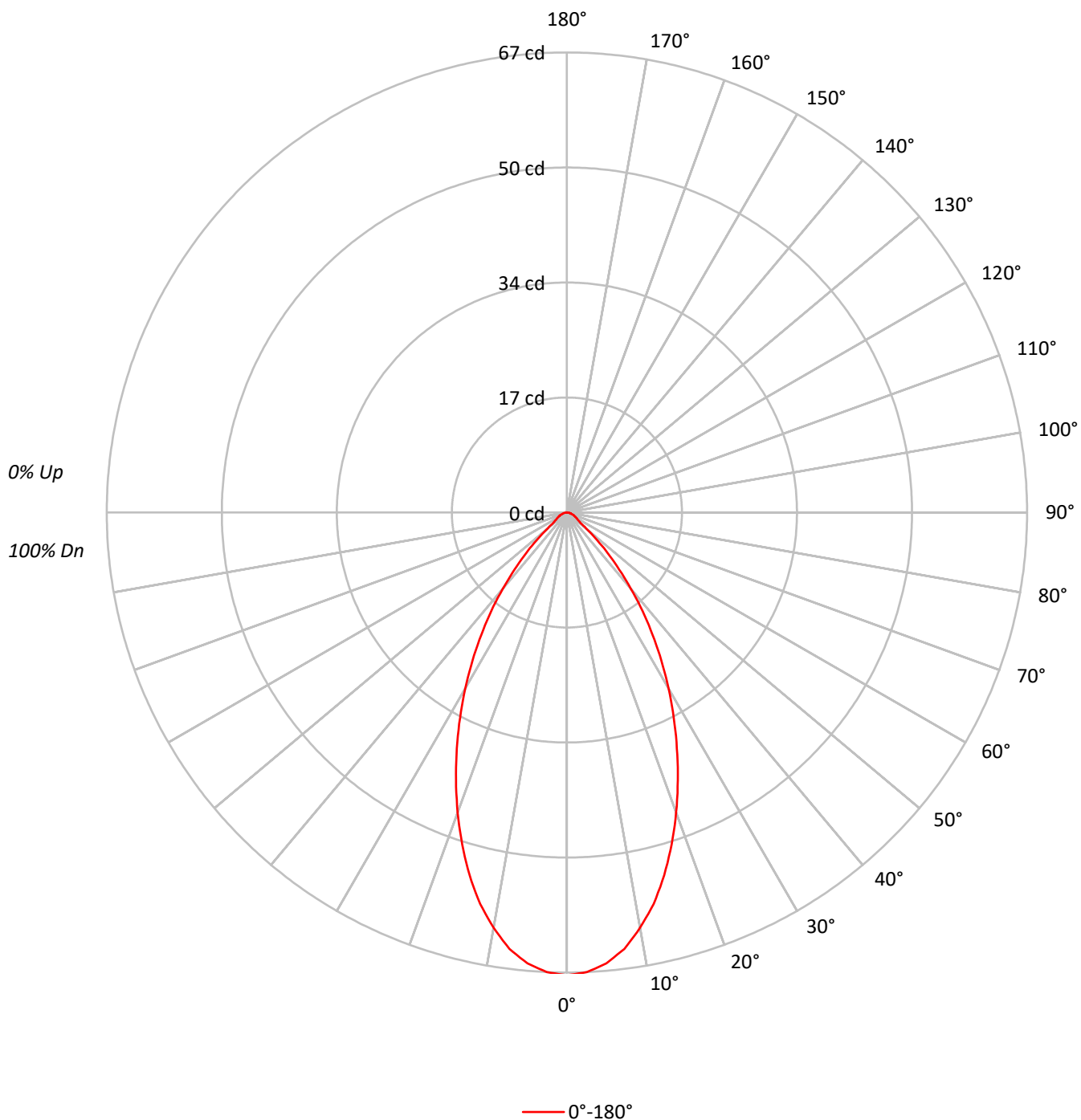
Lumens per Lamp: N/A
Luminaire Lumens: 63.0 lumens
Efficiency: N/A
Efficacy: 17.5 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					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	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	96	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	83		89	85	81		87	83	80		84	81	79
4	95	86	80	76		93	85	80	75		83	78	74		81	77	73		79	75	73
5	89	80	74	69		88	79	73	69		77	72	68		76	71	68		74	70	67
6	85	75	68	64		83	74	68	63		73	67	63		71	66	63		70	65	62
7	80	70	64	59		79	69	63	59		68	62	58		67	62	58		66	61	58
8	76	66	59	55		75	65	59	55		64	58	54		63	58	54		62	57	54
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	68	58	52	48		67	58	52	48		57	51	48		56	51	47		55	51	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	14780
5°	14506
10°	13672
15°	12418
20°	10851
25°	9170
30°	7495
35°	5809
40°	4151
45°	2636
50°	1330
55°	803
60°	702
65°	623
70°	577
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2636 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	9.8
10°-20°	15.2	24.1
20°-30°	17.3	27.5
30°-40°	13.5	21.5
40°-50°	6.7	10.6
50°-60°	2.0	3.2
60°-70°	1.2	1.9
70°-80°	0.6	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°	38.7	61.4
0°-40°	52.3	82.9
0°-60°	61.0	96.7
0°-90°	63.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	63.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	67	
5°	66	6
15°	55	15
25°	38	17
35°	22	14
45°	8	7
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	67.4
2.5°	67.0
5°	65.9
7.5°	64.1
10°	61.4
12.5°	58.4
15°	54.7
17.5°	50.7
20°	46.5
22.5°	42.2
25°	37.9
27.5°	33.7
30°	29.6
32.5°	25.6
35°	21.7
37.5°	18.1
40°	14.5
42.5°	11.3
45°	8.5
47.5°	6.0
50°	3.9
52.5°	2.5
55°	2.1
57.5°	1.8
60°	1.6
62.5°	1.4
65°	1.2
67.5°	1.1
70°	0.9
72.5°	0.7
75°	0.6
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)