

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: P1273500

Luminaire Tested: P3A05R609830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273500
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R609830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

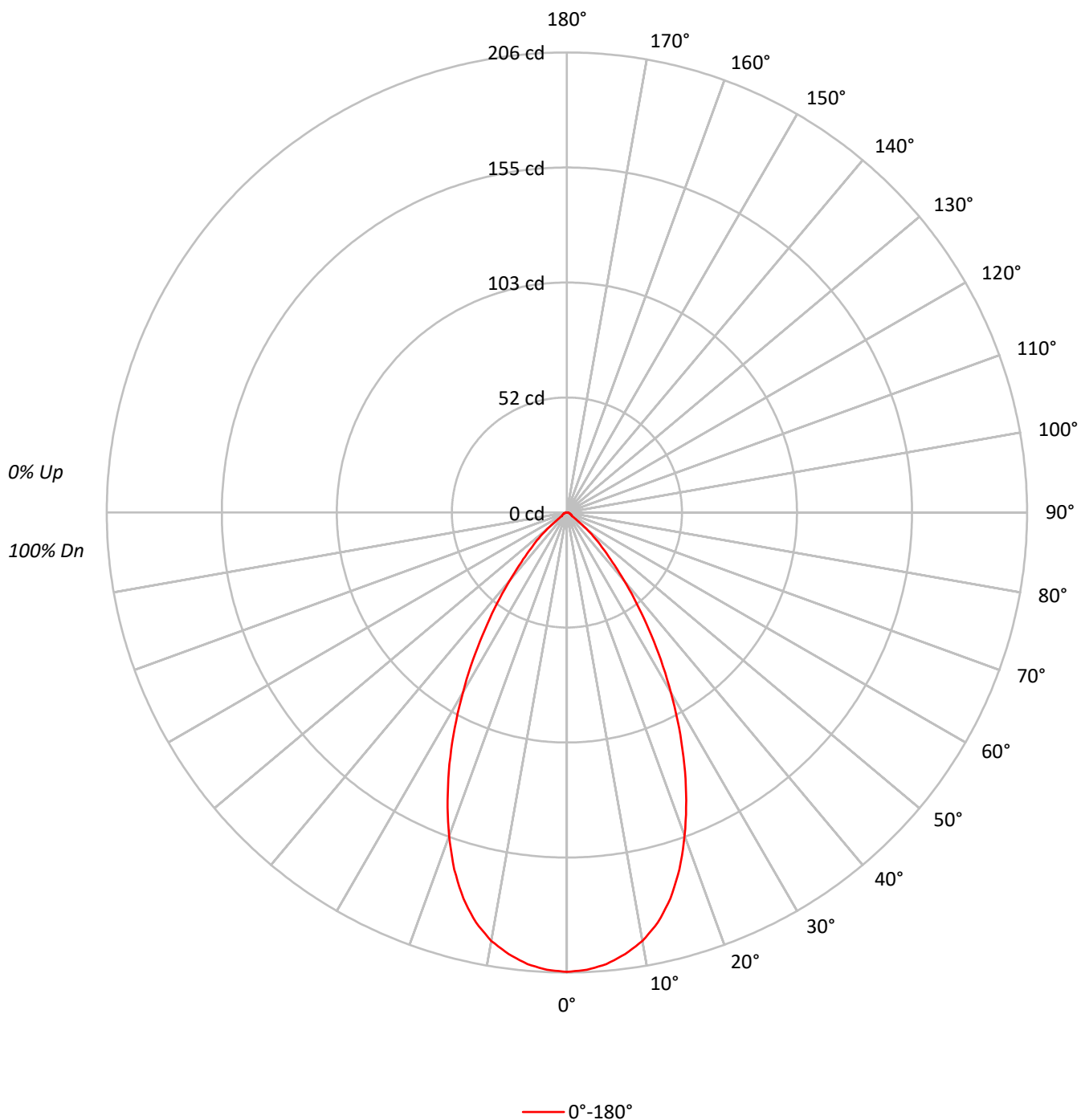
Lumens per Lamp: N/A
Luminaire Lumens: 191.0 lumens
Efficiency: N/A
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	108	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		73
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		51
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45106
5°	44684
10°	43375
15°	40636
20°	35960
25°	30099
30°	23573
35°	17106
40°	11393
45°	7102
50°	3855
55°	1109
60°	1053
65°	934
70°	962
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7102 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	10.0
10°-20°	49.7	26.0
20°-30°	56.6	29.6
30°-40°	40.1	21.0
40°-50°	18.2	9.5
50°-60°	3.9	2.0
60°-70°	1.9	1.0
70°-80°	1.2	0.6
80°-90°	0.4	0.2
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°	125.4	65.6
0°-40°	165.5	86.6
0°-60°	187.6	98.2
0°-90°	191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	191.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	206	
5°	203	19
15°	179	50
25°	124	57
35°	64	40
45°	23	18
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	205.7
2.5°	205.0
5°	203.0
7.5°	199.5
10°	194.8
12.5°	188.1
15°	179.0
17.5°	167.6
20°	154.1
22.5°	139.6
25°	124.4
27.5°	108.7
30°	93.1
32.5°	78.2
35°	63.9
37.5°	51.2
40°	39.8
42.5°	30.1
45°	22.9
47.5°	17.1
50°	11.3
52.5°	5.3
55°	2.9
57.5°	2.5
60°	2.4
62.5°	2.2
65°	1.8
67.5°	1.6
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)