

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: P1271180

Luminaire Tested: P3AS05R159827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271180
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

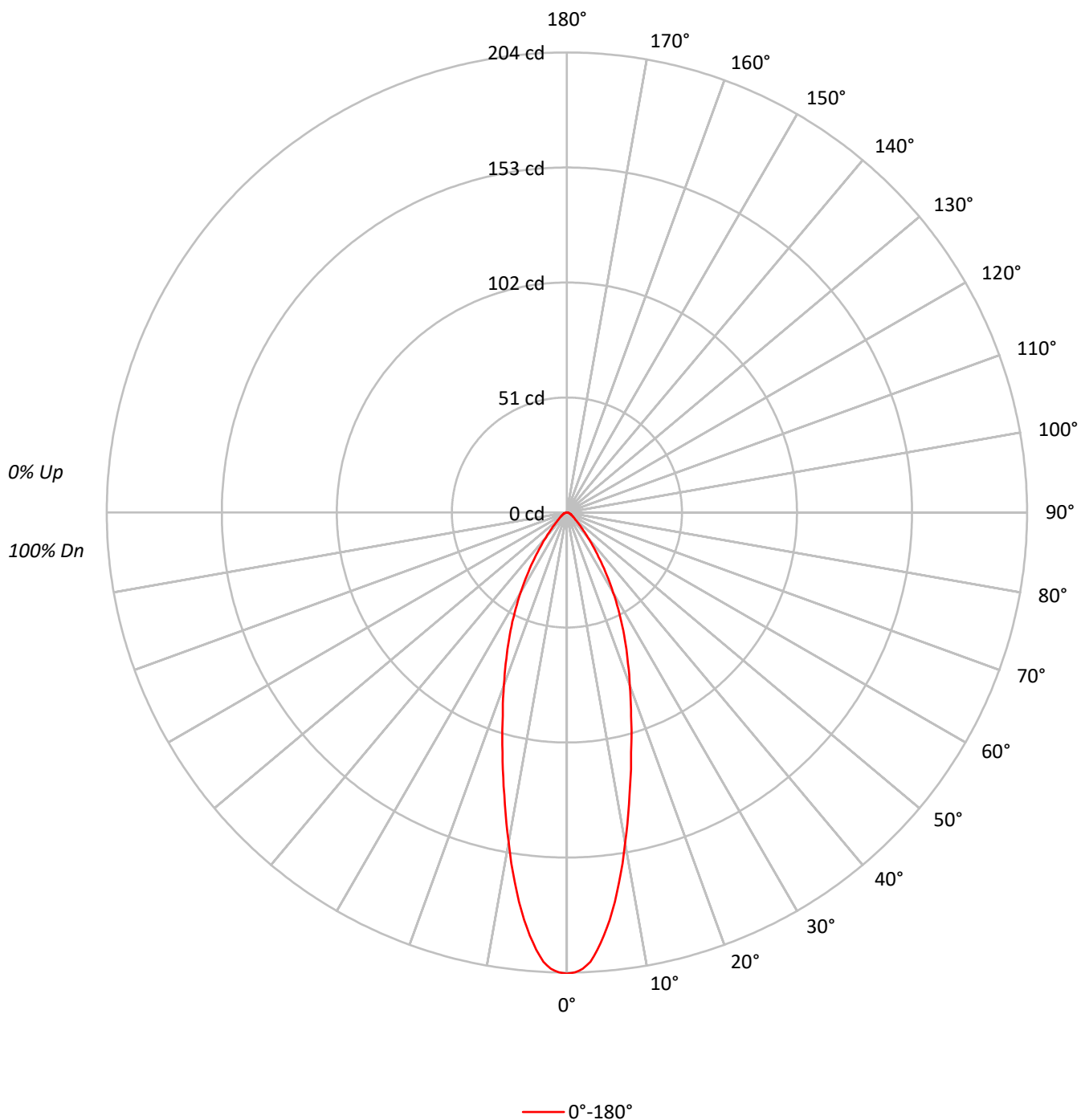
Lumens per Lamp: N/A
Luminaire Lumens: 104.0 lumens
Efficiency: N/A
Efficacy: 14.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	77		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44843
5°	41448
10°	33088
15°	24994
20°	19042
25°	14517
30°	10381
35°	6773
40°	4151
45°	2512
50°	1672
55°	1300
60°	1096
65°	986
70°	898
75°	847
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.7	16.0
10°-20°	30.8	29.6
20°-30°	27.4	26.3
30°-40°	16.2	15.6
40°-50°	6.6	6.4
50°-60°	3.1	3.0
60°-70°	1.9	1.8
70°-80°	1.0	1.0
80°-90°	0.3	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°	74.9	72.0
0°-40°	91.1	87.5
0°-60°	100.9	96.9
0°-90°	104.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	104.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	204	
5°	188	17
15°	110	31
25°	60	27
35°	25	16
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	204.5
1°	204.0
2°	202.5
3°	199.5
4°	194.4
5°	188.3
6°	181.7
7°	174.0
8°	165.8
9°	157.6
10°	148.6
12.5°	128.2
15°	110.1
17.5°	94.6
20°	81.6
22.5°	70.1
25°	60.0
27.5°	50.2
30°	41.0
32.5°	32.8
35°	25.3
37.5°	19.4
40°	14.5
42.5°	10.8
45°	8.1
47.5°	6.2
50°	4.9
52.5°	4.1
55°	3.4
57.5°	2.9
60°	2.5
62.5°	2.2
65°	1.9
67.5°	1.7
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.7
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)