

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: P1271226

Luminaire Tested: P3AS05R259827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271226
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

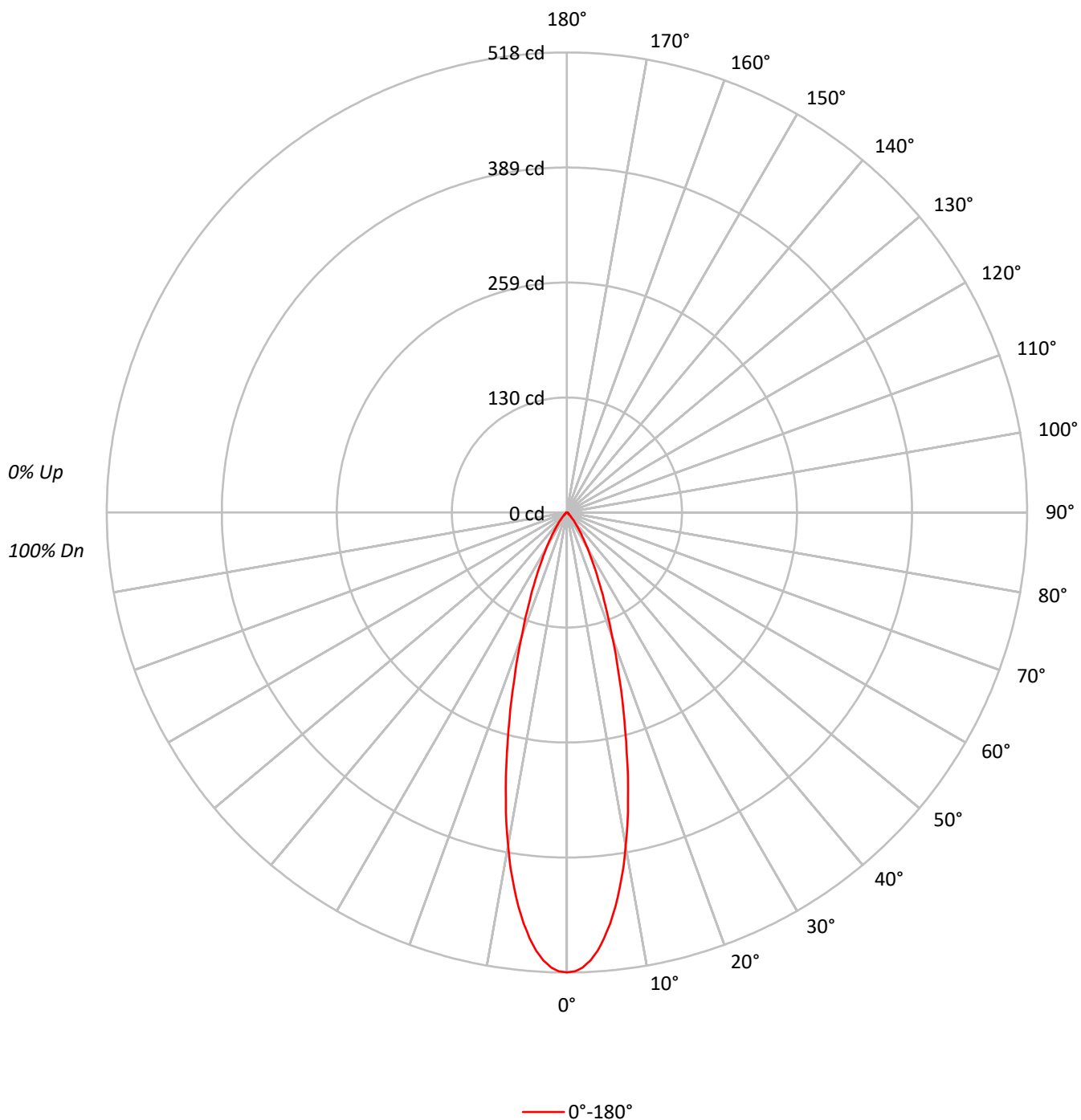
Lumens per Lamp: N/A
Luminaire Lumens: 177.0 lumens
Efficiency: N/A
Efficacy: 24.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1271226

CATALOG NUMBER: P3AS05R259827DE010 E3DL1GPH

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	113544
5°	105921
10°	84857
15°	57594
20°	34863
25°	20372
30°	11597
35°	6398
40°	3378
45°	1799
50°	1023
55°	765
60°	658
65°	726
70°	641
75°	593
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1799 cd/sqm

TEST NUMBER: P1271226

CATALOG NUMBER: P3AS05R259827DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.7	24.1
10°-20°	69.8	39.4
20°-30°	39.8	22.5
30°-40°	15.7	8.9
40°-50°	4.8	2.7
50°-60°	1.9	1.1
60°-70°	1.3	0.7
70°-80°	0.7	0.4
80°-90°	0.2	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°	152.3	86.0
0°-40°	168.0	94.9
0°-60°	174.8	98.7
0°-90°	177.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	177.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	518	
5°	481	43
15°	254	70
25°	84	40
35°	24	16
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1271226

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CANDELA DISTRIBUTION (FULL):

0°	
0°	517.8
1°	516.8
2°	512.5
3°	505.1
4°	494.8
5°	481.2
6°	465.3
7°	447.4
8°	426.6
9°	405.3
10°	381.1
11°	357.3
12°	331.0
13°	305.2
14°	278.6
15°	253.7
17.5°	196.7
20°	149.4
22.5°	112.1
25°	84.2
27.5°	62.4
30°	45.8
32.5°	33.2
35°	23.9
37.5°	16.9
40°	11.8
42.5°	8.1
45°	5.8
47.5°	4.1
50°	3.0
52.5°	2.4
55°	2.0
57.5°	1.9
60°	1.5
62.5°	1.4
65°	1.4
67.5°	1.2
70°	1.0
72.5°	0.8
75°	0.7
77.5°	0.5
80°	0.3
82.5°	0.3
85°	0.2
87.5°	0.2



TEST NUMBER: P1271226

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)