

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: P1286605

Luminaire Tested: P3AS05R609030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286605
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

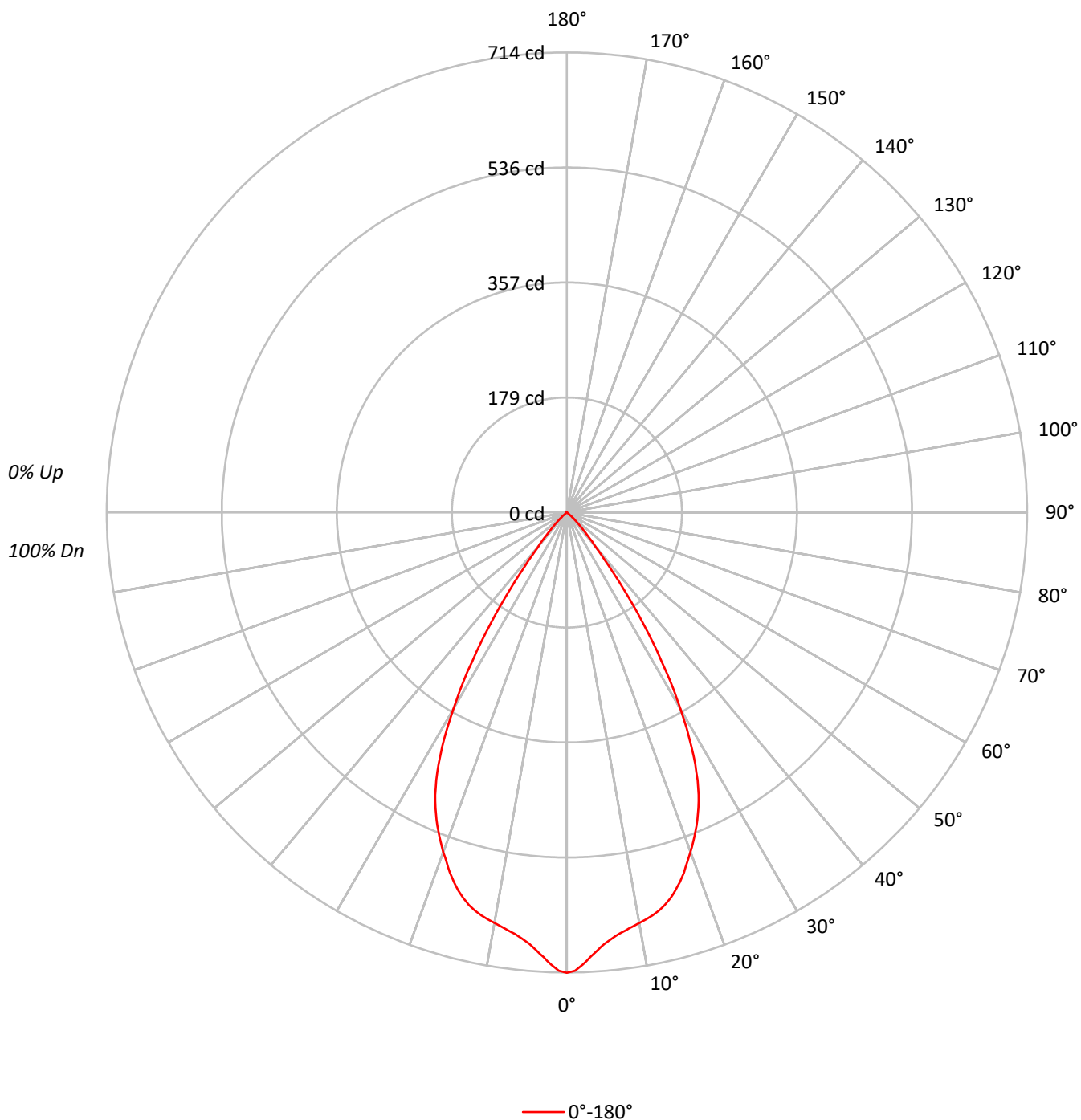
Lumens per Lamp: N/A
Luminaire Lumens: 597.9 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	114	111	109	106		111	109	107	105		105	103	102		101	100	99		98	97	96
2	108	104	100	96		106	102	98	95		99	96	93		96	93	91		93	91	89
3	103	97	92	88		101	96	91	88		93	89	86		91	87	85		88	86	84
4	98	91	85	81		96	90	85	81		88	83	80		86	82	79		84	81	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	70		77	72	69		75	72	69
7	85	76	70	66		83	75	69	65		74	69	65		72	68	65		71	67	64
8	81	71	65	61		79	71	65	61		70	65	61		69	64	61		68	64	61
9	77	67	62	58		76	67	61	58		66	61	57		65	61	57		64	60	57
10	73	64	58	54		72	63	58	54		63	58	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	156676
5°	147919
10°	144063
15°	140773
20°	130888
25°	117007
30°	89381
35°	51611
40°	20038
45°	8342
50°	1842
55°	268
60°	219
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8342 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.4	10.6
10°-20°	172.7	28.9
20°-30°	216.3	36.2
30°-40°	120.9	20.2
40°-50°	23.0	3.8
50°-60°	1.2	0.2
60°-70°	0.2	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	452.5	75.7
0°-40°	573.5	95.9
0°-60°	597.6	99.9
0°-90°	597.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	714	
5°	672	63
15°	620	173
25°	484	216
35°	193	121
45°	27	23
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	714.5
1°	711.6
2°	702.3
3°	691.3
4°	681.0
5°	672.0
6°	665.1
7°	659.3
8°	654.9
9°	650.7
10°	647.0
11°	643.4
12°	639.2
13°	634.1
14°	627.9
15°	620.1
16°	610.6
17°	599.8
18°	587.6
19°	573.6
20°	560.9
21°	547.2
22°	533.0
23°	518.1
24°	501.7
25°	483.6
26°	462.3
27°	438.6
28°	411.9
29°	383.6
30°	353.0
31°	322.2
32°	290.4
32.5°	273.0
33°	257.3
34°	224.8
35°	192.8
36°	163.9
37°	133.3
37.5°	119.4
38°	105.7
39°	85.1
40°	70.0
42.5°	42.6
45°	26.9

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	14.9
50°	5.4
52.5°	1.2
55°	0.7
57.5°	0.5
60°	0.5
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)