

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: P1287324

Luminaire Tested: P3AS13R659030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287324
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

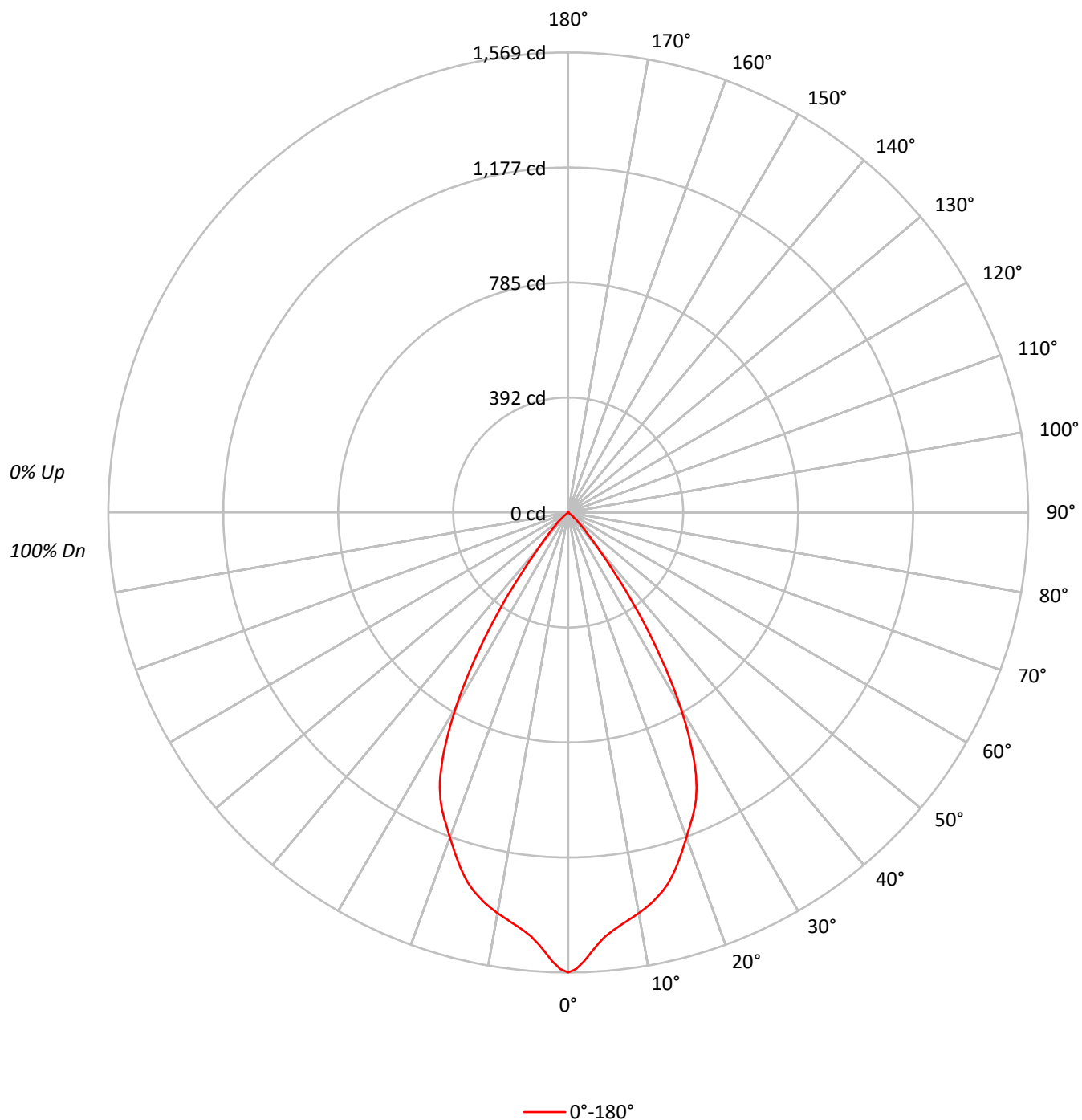
Lumens per Lamp: N/A
Luminaire Lumens: 1284.0 lumens
Efficiency: N/A
Efficacy: 63.9 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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				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	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	344051
5°	319458
10°	308946
15°	297732
20°	275241
25°	250781
30°	193751
35°	112324
40°	44569
45°	18979
50°	4503
55°	612
60°	482
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18979 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.9	10.7
10°-20°	365.4	28.5
20°-30°	462.5	36.0
30°-40°	263.4	20.5
40°-50°	52.3	4.1
50°-60°	2.7	0.2
60°-70°	0.7	0.1
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°	964.8	75.1
0°-40°	1228.2	95.7
0°-60°	1283.2	99.9
0°-90°	1284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1284.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1569	
5°	1451	137
15°	1312	365
25°	1036	462
35°	420	263
45°	61	52
55°	2	3
65°	0	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1569.0
1°	1557.4
2°	1532.1
3°	1502.5
4°	1473.5
5°	1451.3
6°	1435.0
7°	1421.8
8°	1410.2
9°	1398.6
10°	1387.5
11°	1375.3
12°	1362.7
13°	1347.4
14°	1331.0
15°	1311.5
16°	1288.3
17°	1262.9
18°	1235.5
19°	1206.5
20°	1179.5
21°	1152.1
22°	1127.3
23°	1101.4
24°	1071.3
25°	1036.5
26°	994.8
27°	944.7
28°	888.2
29°	828.1
30°	765.2
31°	696.1
32°	627.5
32.5°	592.1
33°	557.8
34°	488.2
35°	419.6
36°	356.2
37°	293.4
37.5°	261.2
38°	235.4
39°	190.5
40°	155.7
42.5°	96.1
45°	61.2



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	35.9
50°	13.2
52.5°	2.6
55°	1.6
57.5°	1.1
60°	1.1
62.5°	1.1
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.0
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)