

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: P1286352

Luminaire Tested: P3AS05R159030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286352
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: P3AS05R159030D2WDE010 E3DL1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

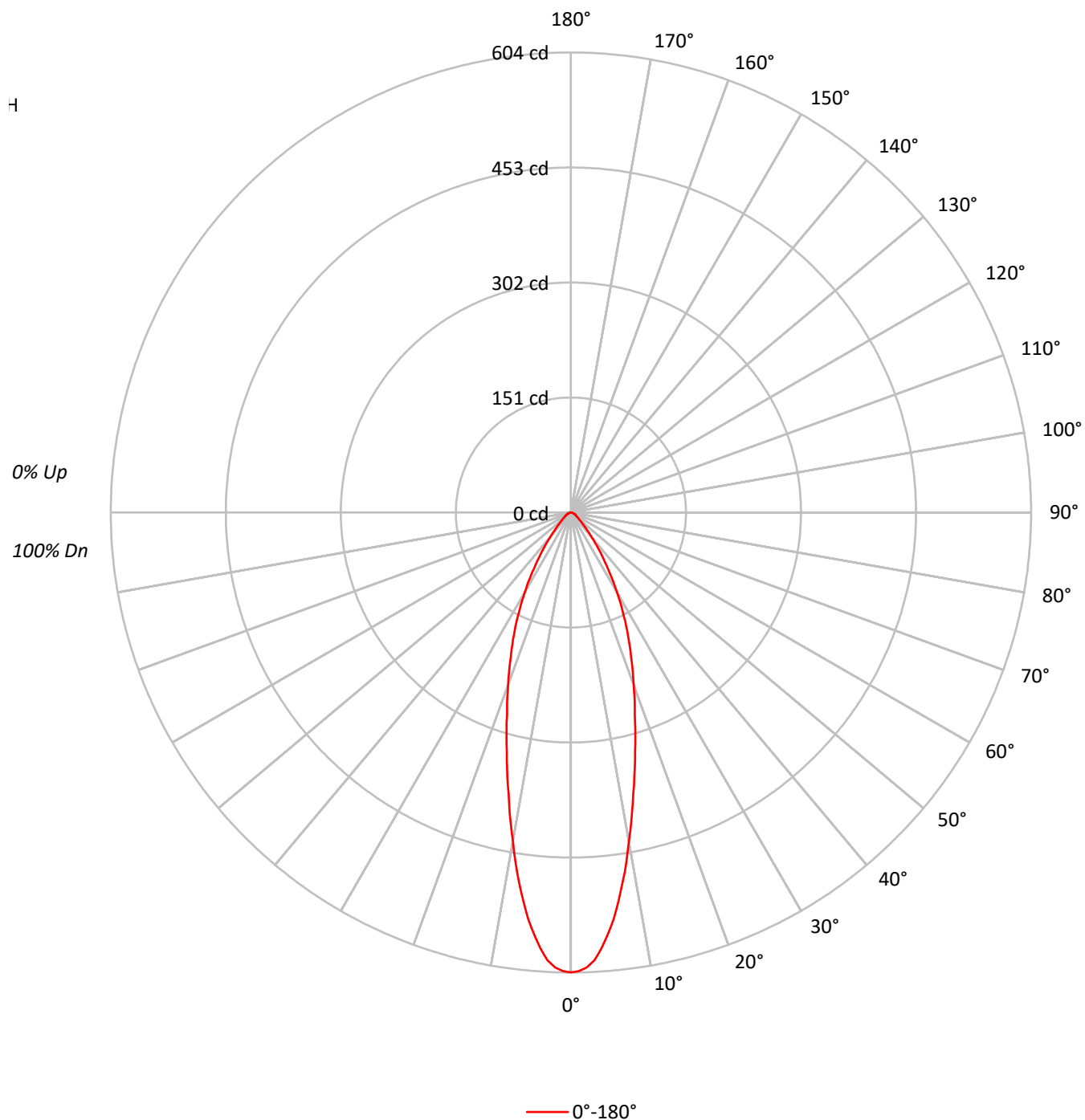
Lumens per Lamp: N/A
Luminaire Lumens: 307.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				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	78		82
5	93	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°	132380
5°	122364
10°	97682
15°	73780
20°	56192
25°	42825
30°	30663
35°	20023
40°	12280
45°	7412
50°	4947
55°	3823
60°	3289
65°	2854
70°	2565
75°	2542
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7412 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.2	16.0
10°-20°	90.9	29.6
20°-30°	80.9	26.3
30°-40°	47.8	15.6
40°-50°	19.6	6.4
50°-60°	9.2	3.0
60°-70°	5.6	1.8
70°-80°	3.0	1.0
80°-90°	0.7	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°	221.0	72.0
0°-40°	268.8	87.6
0°-60°	297.7	97.0
0°-90°	307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	307.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	604	
5°	556	49
15°	325	91
25°	177	81
35°	75	48
45°	24	20
55°	10	9
65°	6	6
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	603.7
1°	602.2
2°	597.7
3°	588.8
4°	573.8
5°	555.9
6°	536.4
7°	513.5
8°	489.6
9°	465.1
10°	438.7
12.5°	378.4
15°	325.0
17.5°	279.2
20°	240.8
22.5°	206.9
25°	177.0
27.5°	148.1
30°	121.1
32.5°	96.7
35°	74.8
37.5°	57.3
40°	42.9
42.5°	31.9
45°	23.9
47.5°	18.4
50°	14.5
52.5°	12.0
55°	10.0
57.5°	8.5
60°	7.5
62.5°	6.5
65°	5.5
67.5°	5.0
70°	4.0
72.5°	3.5
75°	3.0
77.5°	2.0
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)