

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: P1286410

Luminaire Tested: P3AS05R259030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286410
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259030D2WDE010 E3DL1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

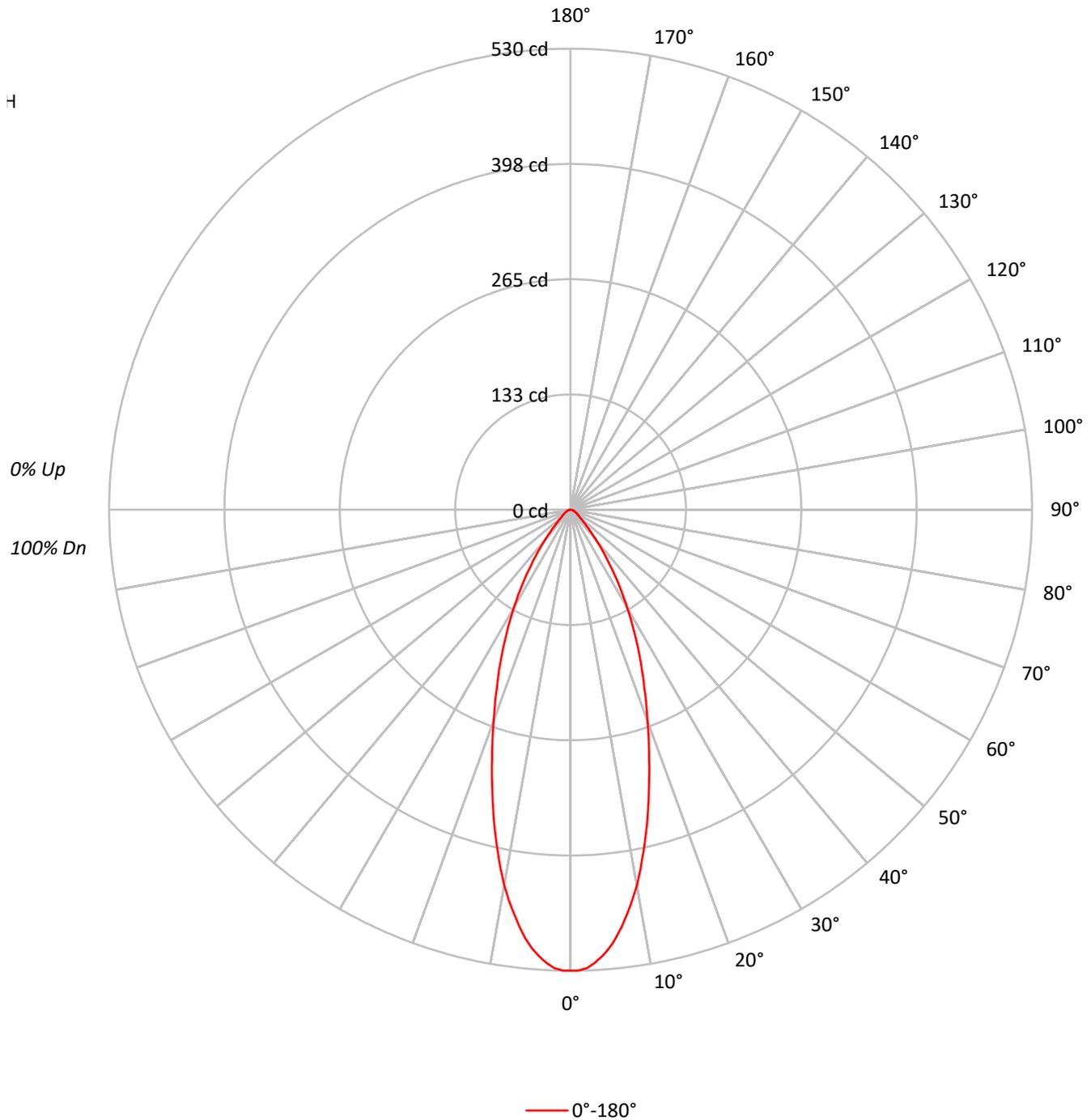
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 320.0 lumens
Efficiency: N/A
Efficacy: 28.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	116175
5°	111468
10°	97638
15°	78479
20°	60299
25°	45632
30°	32967
35°	21897
40°	13282
45°	7722
50°	4947
55°	4014
60°	3508
65°	3113
70°	2565
75°	2542
80°	1894
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7722 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.1	14.4
10°-20°	95.6	29.9
20°-30°	86.5	27.0
30°-40°	51.9	16.2
40°-50°	20.6	6.4
50°-60°	9.5	3.0
60°-70°	5.8	1.8
70°-80°	3.1	1.0
80°-90°	0.9	0.3
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°	228.1	71.3
0°-40°	280.1	87.5
0°-60°	310.2	96.9
0°-90°	320.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	320.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	530	
5°	506	46
15°	346	96
25°	189	86
35°	82	52
45°	25	21
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	529.8
1°	529.8
2°	527.3
3°	521.8
4°	514.8
5°	506.4
6°	495.4
7°	482.9
8°	468.4
9°	454.0
10°	438.5
11°	420.6
12°	402.1
13°	383.6
14°	365.2
15°	345.7
17.5°	299.8
20°	258.4
22.5°	221.0
25°	188.6
27.5°	158.1
30°	130.2
32.5°	104.8
35°	81.8
37.5°	62.4
40°	46.4
42.5°	33.9
45°	24.9
47.5°	19.0
50°	14.5
52.5°	12.0
55°	10.5
57.5°	9.0
60°	8.0
62.5°	6.5
65°	6.0
67.5°	5.0
70°	4.0
72.5°	3.5
75°	3.0
77.5°	2.5
80°	1.5
82.5°	1.0
85°	1.0
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)