

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: P1264252

Luminaire Tested: P3A05R259730DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264252
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: P3A05R259730DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

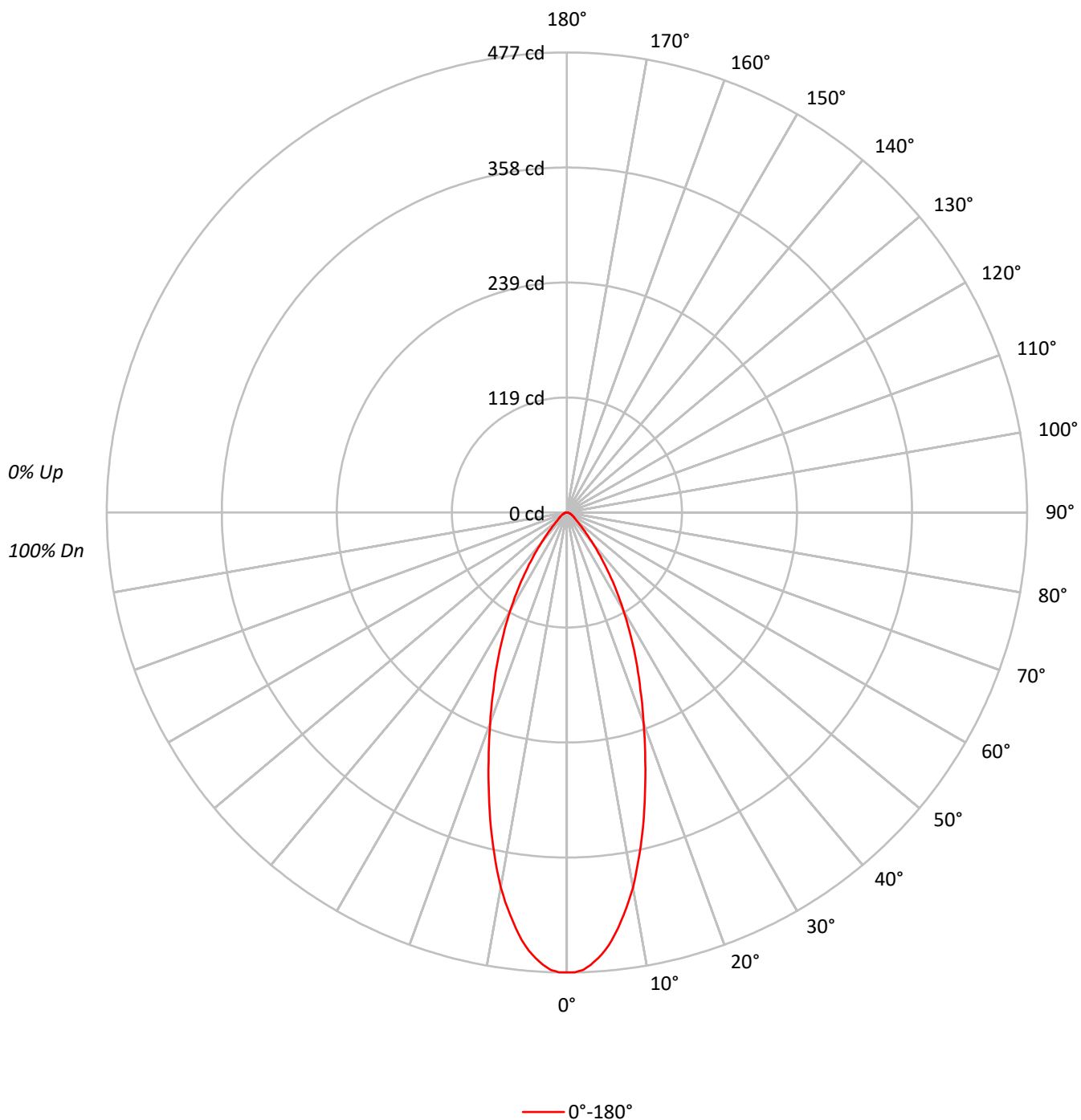
Lumens per Lamp: N/A
Luminaire Lumens: 287.9 lumens
Efficiency: N/A
Efficacy: 40.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	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°	104553
5°	100308
10°	87885
15°	70647
20°	54278
25°	41059
30°	29675
35°	19702
40°	11965
45°	6946
50°	4435
55°	3594
60°	3158
65°	2802
70°	2308
75°	2288
80°	1642
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6946 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	14.4
10°-20°	86.0	29.9
20°-30°	77.8	27.0
30°-40°	46.7	16.2
40°-50°	18.6	6.4
50°-60°	8.6	3.0
60°-70°	5.2	1.8
70°-80°	2.8	1.0
80°-90°	0.8	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°	205.3	71.3
0°-40°	252.1	87.5
0°-60°	279.2	97.0
0°-90°	287.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	287.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	477	
5°	456	41
15°	311	86
25°	170	78
35°	74	47
45°	22	19
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	476.8
1°	476.8
2°	474.6
3°	469.6
4°	463.4
5°	455.7
6°	445.9
7°	434.6
8°	421.6
9°	408.6
10°	394.7
11°	378.5
12°	361.9
13°	345.3
14°	328.7
15°	311.2
17.5°	269.8
20°	232.6
22.5°	198.9
25°	169.7
27.5°	142.3
30°	117.2
32.5°	94.3
35°	73.6
37.5°	56.1
40°	41.8
42.5°	30.5
45°	22.4
47.5°	17.1
50°	13.0
52.5°	10.8
55°	9.4
57.5°	8.1
60°	7.2
62.5°	5.8
65°	5.4
67.5°	4.5
70°	3.6
72.5°	3.1
75°	2.7
77.5°	2.2
80°	1.3
82.5°	0.9
85°	0.9
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)