

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: P1266855

Luminaire Tested: P3A05R659735DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266855
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R659735DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

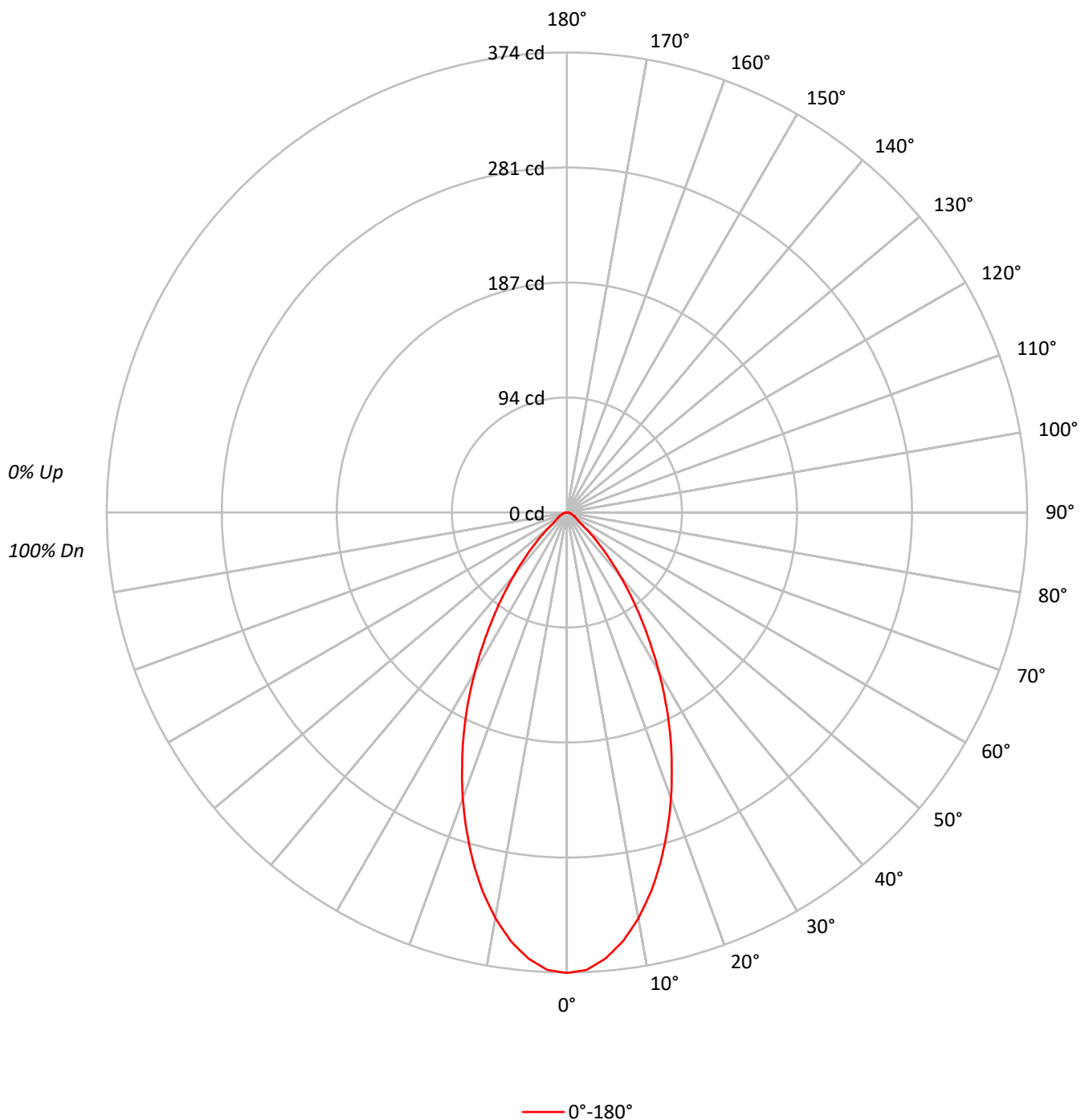
Lumens per Lamp: N/A
Luminaire Lumens: 323.0 lumens
Efficiency: N/A
Efficacy: 44.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82099
5°	80057
10°	74548
15°	66811
20°	57708
25°	48003
30°	37854
35°	28054
40°	19322
45°	12001
50°	6516
55°	4091
60°	3465
65°	3165
70°	2693
75°	2372
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12001 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.8	10.5
10°-20°	81.8	25.3
20°-30°	90.5	28.0
30°-40°	65.7	20.3
40°-50°	30.8	9.5
50°-60°	10.3	3.2
60°-70°	6.0	1.9
70°-80°	3.1	1.0
80°-90°	1.0	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°	206.0	63.8
0°-40°	271.7	84.1
0°-60°	312.9	96.9
0°-90°	323.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	323.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	374	
5°	364	34
15°	294	82
25°	198	90
35°	105	66
45°	39	31
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	374.4
2.5°	372.1
5°	363.7
7.5°	351.1
10°	334.8
12.5°	315.7
15°	294.3
17.5°	271.0
20°	247.3
22.5°	222.6
25°	198.4
27.5°	173.7
30°	149.5
32.5°	126.2
35°	104.8
37.5°	85.2
40°	67.5
42.5°	51.7
45°	38.7
47.5°	27.9
50°	19.1
52.5°	13.0
55°	10.7
57.5°	9.3
60°	7.9
62.5°	7.0
65°	6.1
67.5°	5.1
70°	4.2
72.5°	3.7
75°	2.8
77.5°	2.3
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)