

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: P1266564

Luminaire Tested: P3A05R159735DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266564
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: P3A05R159735DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

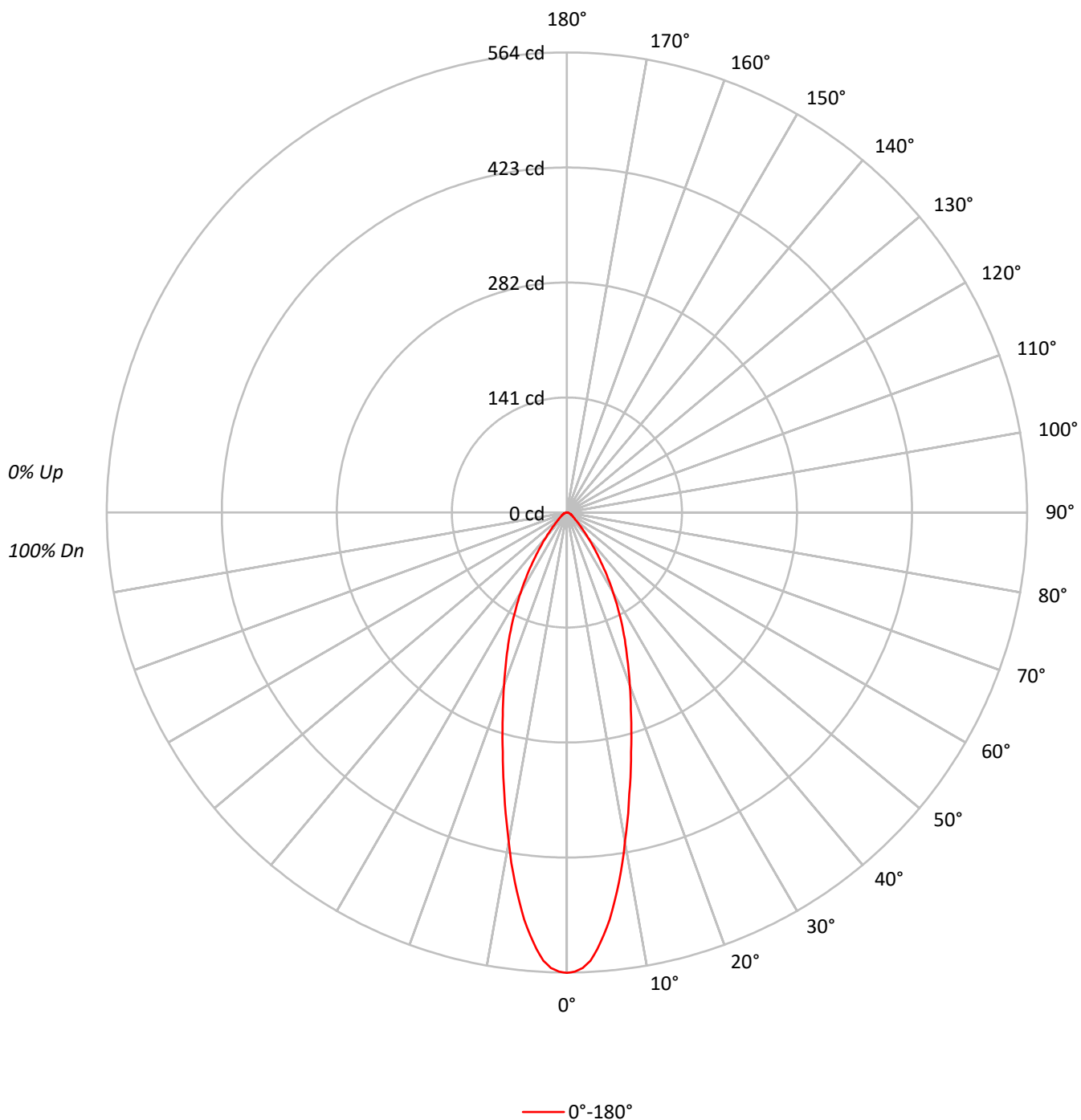
Lumens per Lamp: N/A
Luminaire Lumens: 287.0 lumens
Efficiency: N/A
Efficacy: 39.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	123762
5°	114395
10°	91314
15°	68990
20°	52528
25°	40043
30°	28688
35°	18712
40°	11479
45°	6946
50°	4605
55°	3555
60°	3070
65°	2646
70°	2372
75°	2372
80°	1768
85°	1258

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°	46.0	16.0
10°-20°	84.9	29.6
20°-30°	75.6	26.3
30°-40°	44.7	15.6
40°-50°	18.3	6.4
50°-60°	8.6	3.0
60°-70°	5.3	1.8
70°-80°	2.8	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°	206.6	72.0
0°-40°	251.3	87.6
0°-60°	278.3	97.0
0°-90°	287.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	287.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	564	
5°	520	46
15°	304	85
25°	166	76
35°	70	45
45°	22	18
55°	9	9
65°	5	5
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	564.4
1°	563.0
2°	558.8
3°	550.4
4°	536.4
5°	519.7
6°	501.5
7°	480.0
8°	457.7
9°	434.8
10°	410.1
12.5°	353.7
15°	303.9
17.5°	261.0
20°	225.1
22.5°	193.4
25°	165.5
27.5°	138.4
30°	113.3
32.5°	90.4
35°	69.9
37.5°	53.6
40°	40.1
42.5°	29.8
45°	22.4
47.5°	17.2
50°	13.5
52.5°	11.2
55°	9.3
57.5°	7.9
60°	7.0
62.5°	6.1
65°	5.1
67.5°	4.7
70°	3.7
72.5°	3.3
75°	2.8
77.5°	1.9
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)