

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: P1275603

Luminaire Tested: P3AS05R659835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275603
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: P3AS05R659835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

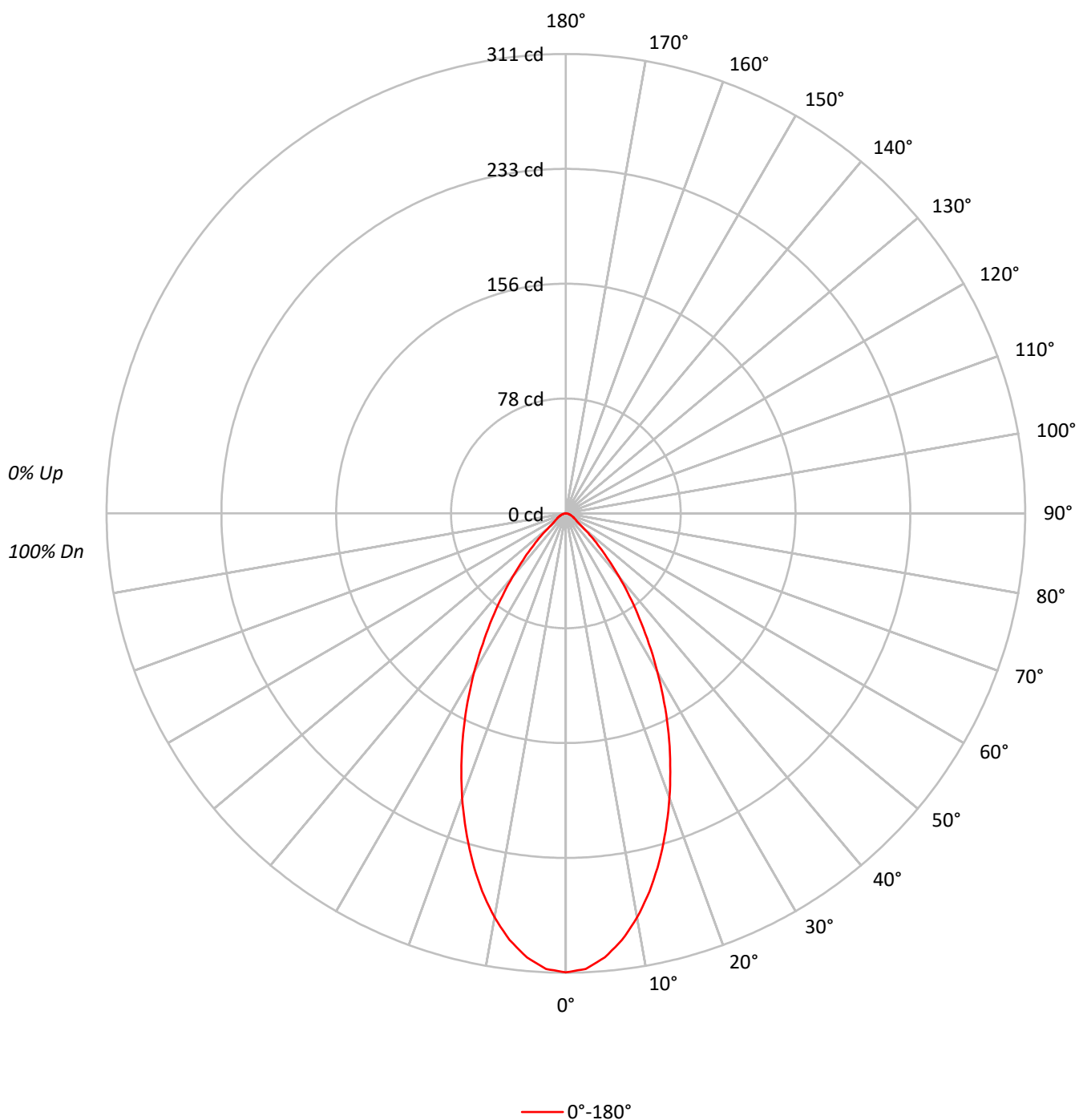
Lumens per Lamp: N/A
Luminaire Lumens: 268.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	68131
5°	66432
10°	61856
15°	55437
20°	47884
25°	39825
30°	31397
35°	23262
40°	16030
45°	9955
50°	5390
55°	3403
60°	2895
65°	2594
70°	2244
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9955 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	10.5
10°-20°	67.9	25.3
20°-30°	75.0	28.0
30°-40°	54.5	20.3
40°-50°	25.5	9.5
50°-60°	8.6	3.2
60°-70°	5.0	1.9
70°-80°	2.6	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°	171.0	63.8
0°-40°	225.4	84.1
0°-60°	259.6	96.9
0°-90°	268.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	268.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	311	
5°	302	28
15°	244	68
25°	165	75
35°	87	54
45°	32	26
55°	9	9
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	310.7
2.5°	308.7
5°	301.8
7.5°	291.3
10°	277.8
12.5°	262.0
15°	244.2
17.5°	224.9
20°	205.2
22.5°	184.7
25°	164.6
27.5°	144.1
30°	124.0
32.5°	104.7
35°	86.9
37.5°	70.7
40°	56.0
42.5°	42.9
45°	32.1
47.5°	23.2
50°	15.8
52.5°	10.8
55°	8.9
57.5°	7.7
60°	6.6
62.5°	5.8
65°	5.0
67.5°	4.3
70°	3.5
72.5°	3.1
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)