

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: P1256216

Luminaire Tested: P3AS02R359040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256216
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

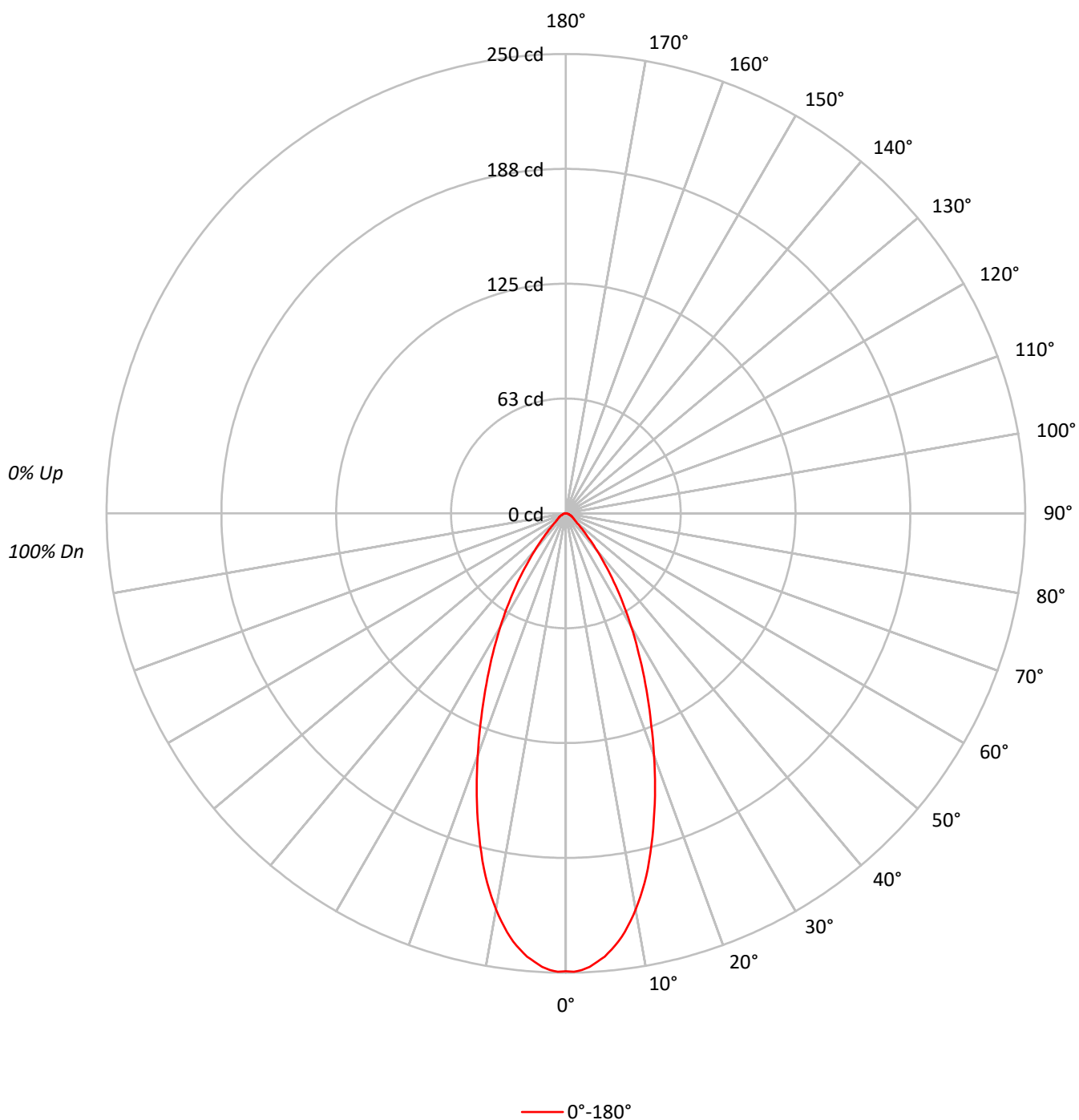
Lumens per Lamp: N/A
Luminaire Lumens: 170.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	54645
5°	53291
10°	48719
15°	41362
20°	32740
25°	24751
30°	18028
35°	12180
40°	7500
45°	4311
50°	2593
55°	2103
60°	1842
65°	1608
70°	1346
75°	1356
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.4	13.2
10°-20°	50.2	29.5
20°-30°	47.0	27.6
30°-40°	28.8	16.9
40°-50°	11.3	6.7
50°-60°	5.0	2.9
60°-70°	3.1	1.8
70°-80°	1.6	1.0
80°-90°	0.6	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°	119.6	70.4
0°-40°	148.3	87.3
0°-60°	164.6	96.9
0°-90°	170.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	170.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	249	
5°	242	22
15°	182	50
25°	102	47
35°	46	29
45°	14	11
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	249.2
1°	249.5
2°	248.7
3°	247.1
4°	244.7
5°	242.1
6°	238.7
7°	234.8
8°	230.1
9°	224.8
10°	218.8
11°	212.5
12°	205.7
13°	198.4
14°	190.3
15°	182.2
17.5°	161.2
20°	140.3
22.5°	120.1
25°	102.3
27.5°	85.9
30°	71.2
32.5°	57.6
35°	45.5
37.5°	34.8
40°	26.2
42.5°	18.8
45°	13.9
47.5°	9.9
50°	7.6
52.5°	6.3
55°	5.5
57.5°	4.7
60°	4.2
62.5°	3.7
65°	3.1
67.5°	2.6
70°	2.1
72.5°	1.8
75°	1.6
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)