

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: P1253669

Luminaire Tested: P3AS02R659035DE010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253669
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659035DE010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

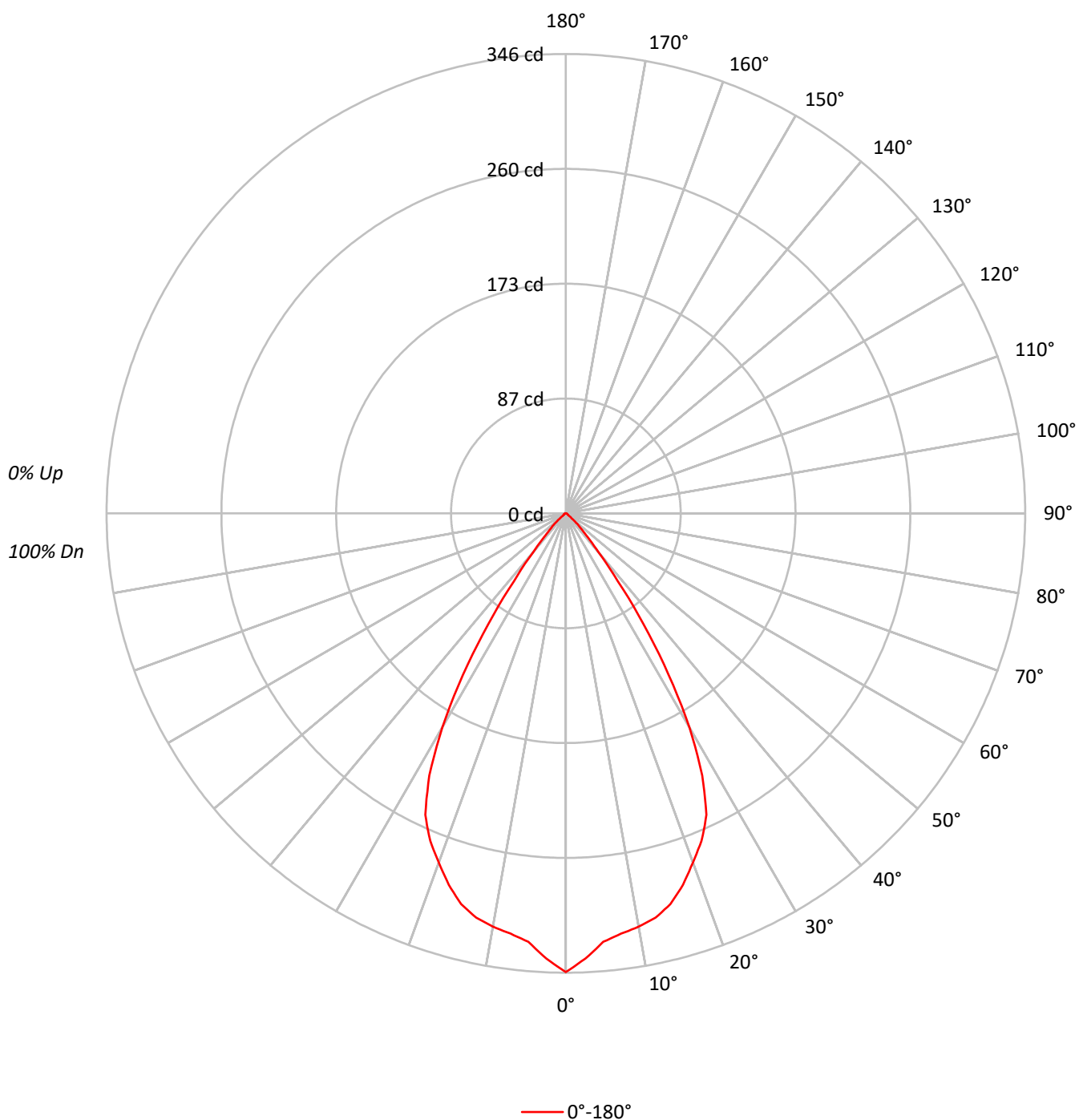
Lumens per Lamp: N/A
Luminaire Lumens: 310.1 lumens
Efficiency: N/A
Efficacy: 86.1 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	99	98		97	96	95
2	108	103	99	96		106	101	98	95		98	95	93		95	93	91		92	90	89
3	103	96	91	87		101	95	90	87		92	88	85		90	87	84		87	85	83
4	97	90	84	80		96	89	84	80		87	82	79		85	81	78		83	80	77
5	93	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		86	78	73	69		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	79	70	64	60		78	69	64	60		68	63	60		67	63	59		66	62	59
9	76	66	60	56		75	66	60	56		65	60	56		64	59	56		63	59	56
10	72	62	57	53		71	62	57	53		61	56	53		60	56	52		60	55	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75761
5°	71296
10°	70384
15°	69149
20°	65292
25°	60608
30°	47096
35°	27251
40°	10992
45°	5055
50°	1979
55°	765
60°	658
65°	675
70°	641
75°	678
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5055 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.8	9.9
10°-20°	85.1	27.4
20°-30°	111.4	35.9
30°-40°	64.5	20.8
40°-50°	13.8	4.5
50°-60°	2.3	0.7
60°-70°	1.2	0.4
70°-80°	0.8	0.2
80°-90°	0.3	0.1
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°	227.2	73.3
0°-40°	291.7	94.1
0°-60°	307.8	99.3
0°-90°	310.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	310.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	346	
5°	324	31
15°	305	85
25°	250	111
35°	102	65
45°	16	14
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	345.5
2.5°	335.7
5°	323.9
7.5°	319.2
10°	316.1
12.5°	311.9
15°	304.6
17.5°	293.3
20°	279.8
22.5°	267.0
25°	250.5
27.5°	222.6
30°	186.0
32.5°	144.2
35°	101.8
37.5°	64.4
40°	38.4
42.5°	24.1
45°	16.3
47.5°	10.5
50°	5.8
52.5°	2.8
55°	2.0
57.5°	1.8
60°	1.5
62.5°	1.5
65°	1.3
67.5°	1.0
70°	1.0
72.5°	0.8
75°	0.8
77.5°	0.5
80°	0.5
82.5°	0.3
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)