

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: P1248100

Luminaire Tested: P3AS02R359027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248100
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

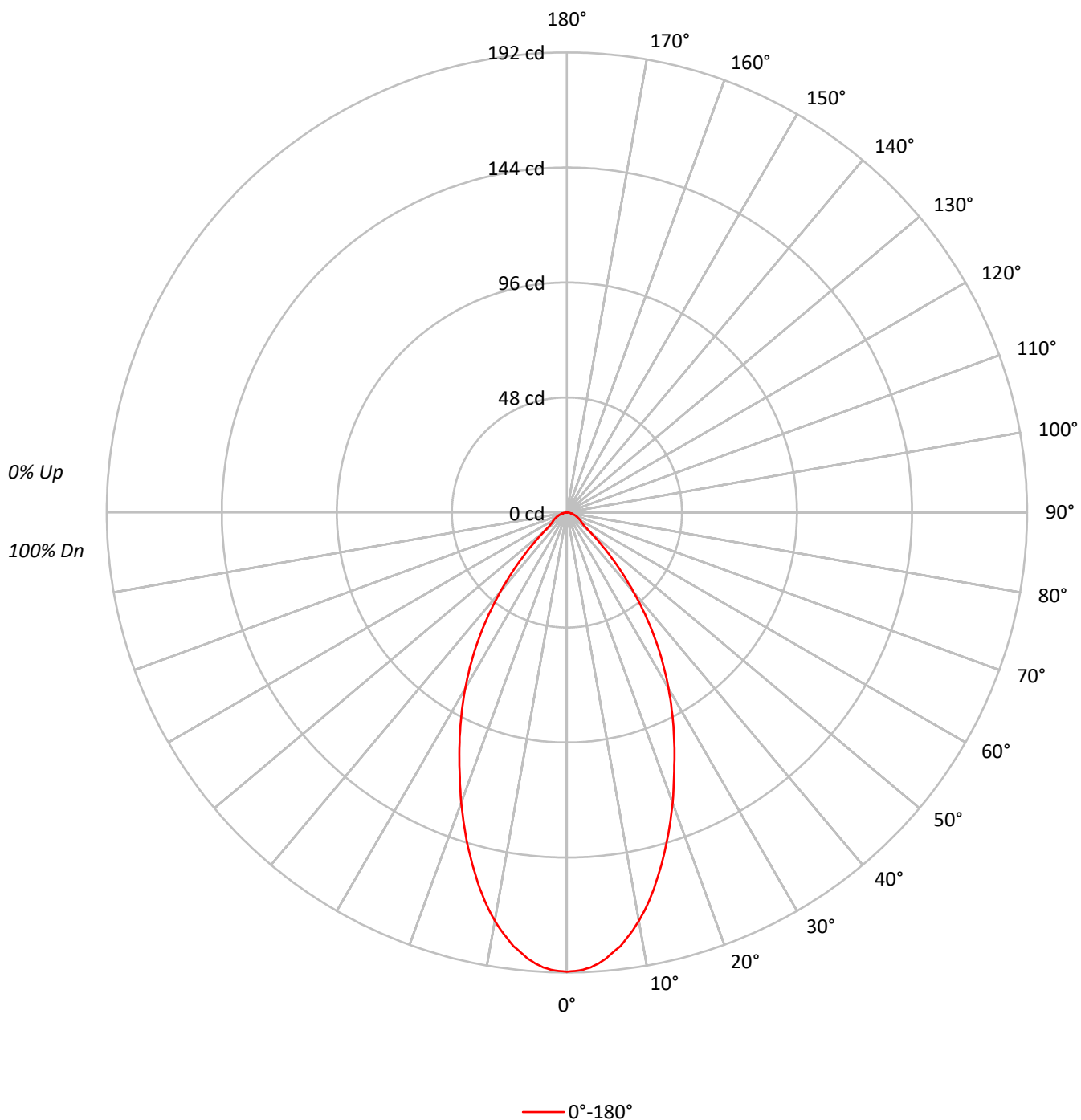
Lumens per Lamp: N/A
Luminaire Lumens: 184.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42036
5°	41140
10°	38521
15°	34575
20°	30079
25°	25647
30°	21472
35°	17106
40°	12366
45°	7815
50°	4264
55°	2944
60°	2807
65°	2594
70°	2500
75°	2118
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7815 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.4	9.5
10°-20°	42.4	23.0
20°-30°	48.6	26.4
30°-40°	39.6	21.5
40°-50°	20.0	10.9
50°-60°	7.4	4.0
60°-70°	5.0	2.7
70°-80°	2.8	1.5
80°-90°	0.8	0.5
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°	108.4	58.9
0°-40°	148.0	80.4
0°-60°	175.4	95.3
0°-90°	184.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	184.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	192	
5°	187	17
15°	152	42
25°	106	49
35°	64	40
45°	25	20
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	191.7
1°	191.4
2°	191.0
3°	190.1
4°	188.7
5°	186.9
6°	184.6
7°	182.4
8°	179.4
9°	176.4
10°	173.0
11°	169.4
12°	165.5
13°	161.2
14°	156.7
15°	152.3
17.5°	140.7
20°	128.9
22.5°	116.9
25°	106.0
27.5°	95.3
30°	84.8
32.5°	74.4
35°	63.9
37.5°	53.4
40°	43.2
42.5°	33.7
45°	25.2
47.5°	18.2
50°	12.5
52.5°	9.1
55°	7.7
57.5°	7.0
60°	6.4
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.9
72.5°	3.2
75°	2.5
77.5°	2.0
80°	1.6
82.5°	1.1
85°	0.7
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)