

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: P1256628

Luminaire Tested: P3AS05R359040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256628
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: P3AS05R359040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

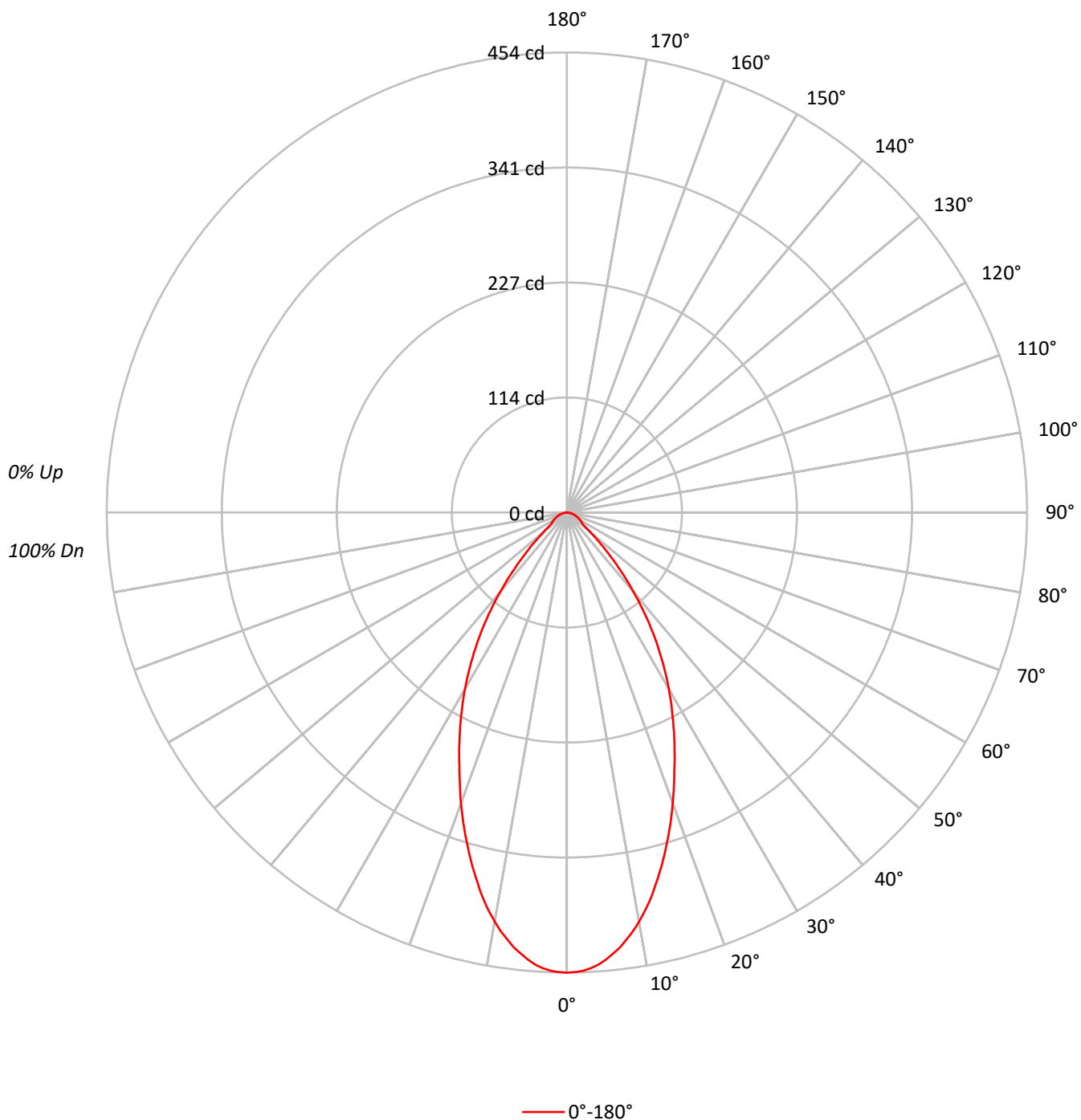
Lumens per Lamp: N/A
Luminaire Lumens: 436.0 lumens
Efficiency: N/A
Efficacy: 60.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	99597
5°	97490
10°	91292
15°	81953
20°	71290
25°	60754
30°	50894
35°	40529
40°	29312
45°	18545
50°	10098
55°	6996
60°	6622
65°	6174
70°	5898
75°	4999
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18545 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	9.5
10°-20°	100.5	23.0
20°-30°	115.1	26.4
30°-40°	93.9	21.5
40°-50°	47.4	10.9
50°-60°	17.6	4.0
60°-70°	11.8	2.7
70°-80°	6.5	1.5
80°-90°	2.0	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°	256.8	58.9
0°-40°	350.7	80.4
0°-60°	415.7	95.3
0°-90°	436.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	436.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	454	
5°	443	41
15°	361	100
25°	251	115
35°	151	94
45°	60	47
55°	18	18
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	454.2
1°	453.7
2°	452.6
3°	450.4
4°	447.2
5°	442.9
6°	437.5
7°	432.1
8°	425.1
9°	418.1
10°	410.0
11°	401.4
12°	392.2
13°	382.0
14°	371.2
15°	361.0
17.5°	333.5
20°	305.5
22.5°	276.9
25°	251.1
27.5°	225.7
30°	201.0
32.5°	176.2
35°	151.4
37.5°	126.6
40°	102.4
42.5°	79.7
45°	59.8
47.5°	43.1
50°	29.6
52.5°	21.6
55°	18.3
57.5°	16.7
60°	15.1
62.5°	13.5
65°	11.9
67.5°	10.2
70°	9.2
72.5°	7.5
75°	5.9
77.5°	4.8
80°	3.8
82.5°	2.7
85°	1.6
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)