

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: P1269064

Luminaire Tested: P3A05R359740DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269064
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: P3A05R359740DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

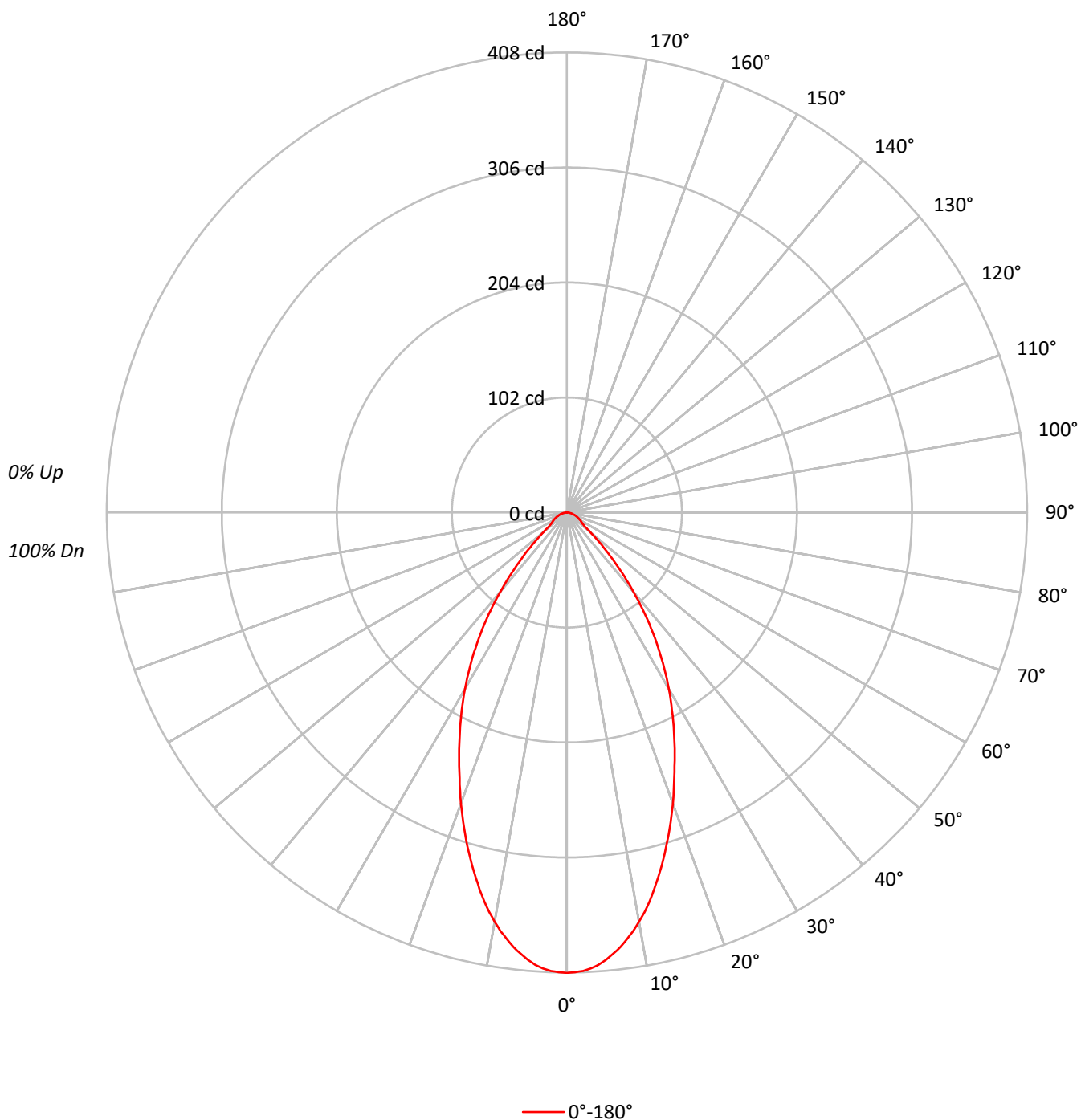
Lumens per Lamp: N/A
Luminaire Lumens: 392.0 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	89554
5°	87651
10°	82074
15°	73689
20°	64102
25°	54608
30°	45754
35°	36433
40°	26335
45°	16684
50°	9074
55°	6308
60°	5964
65°	5552
70°	5257
75°	4490
80°	4293
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16684 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	9.5
10°-20°	90.3	23.0
20°-30°	103.5	26.4
30°-40°	84.4	21.5
40°-50°	42.6	10.9
50°-60°	15.8	4.0
60°-70°	10.6	2.7
70°-80°	5.9	1.5
80°-90°	1.8	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°	230.9	58.9
0°-40°	315.3	80.4
0°-60°	373.8	95.3
0°-90°	392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	392.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	408	
5°	398	37
15°	325	90
25°	226	104
35°	136	84
45°	54	43
55°	16	16
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	408.4
1°	407.9
2°	406.9
3°	405.0
4°	402.1
5°	398.2
6°	393.3
7°	388.5
8°	382.2
9°	375.9
10°	368.6
11°	360.9
12°	352.6
13°	343.4
14°	333.8
15°	324.6
17.5°	299.8
20°	274.7
22.5°	249.0
25°	225.7
27.5°	203.0
30°	180.7
32.5°	158.4
35°	136.1
37.5°	113.8
40°	92.0
42.5°	71.7
45°	53.8
47.5°	38.8
50°	26.6
52.5°	19.4
55°	16.5
57.5°	15.0
60°	13.6
62.5°	12.1
65°	10.7
67.5°	9.2
70°	8.2
72.5°	6.8
75°	5.3
77.5°	4.4
80°	3.4
82.5°	2.4
85°	1.5
87.5°	1.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)