

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: P1256508

Luminaire Tested: P3AS05R159040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256508
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

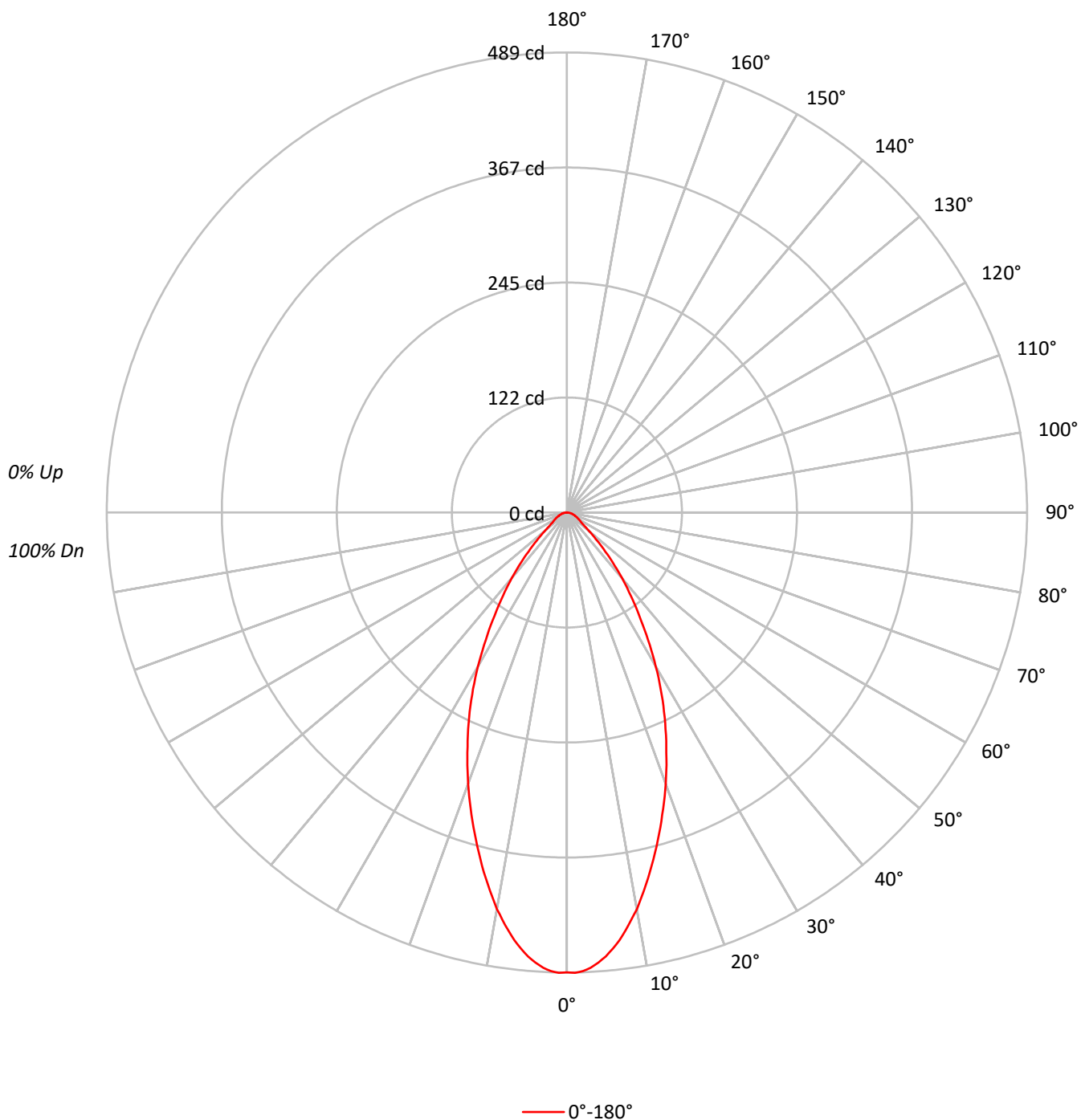
Lumens per Lamp: N/A
Luminaire Lumens: 425.0 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	58		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107206
5°	104292
10°	95300
15°	83474
20°	71616
25°	59786
30°	47855
35°	35898
40°	26049
45°	17025
50°	10644
55°	7187
60°	6359
65°	5863
70°	5514
75°	4999
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17025 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.7	10.3
10°-20°	102.5	24.1
20°-30°	112.9	26.6
30°-40°	84.5	19.9
40°-50°	43.8	10.3
50°-60°	18.2	4.3
60°-70°	11.2	2.6
70°-80°	6.3	1.5
80°-90°	1.8	0.4
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°	259.1	61.0
0°-40°	343.6	80.9
0°-60°	405.6	95.4
0°-90°	425.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	425.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	489	
5°	474	44
15°	368	102
25°	247	113
35°	134	85
45°	55	44
55°	19	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	488.9
1°	489.4
2°	487.8
3°	484.6
4°	479.7
5°	473.8
6°	466.3
7°	458.2
8°	448.5
9°	438.3
10°	428.0
12.5°	398.4
15°	367.7
17.5°	337.0
20°	306.9
22.5°	276.2
25°	247.1
27.5°	218.1
30°	189.0
32.5°	160.4
35°	134.1
37.5°	111.5
40°	91.0
42.5°	72.1
45°	54.9
47.5°	41.5
50°	31.2
52.5°	23.2
55°	18.8
57.5°	16.7
60°	14.5
62.5°	12.9
65°	11.3
67.5°	9.7
70°	8.6
72.5°	7.0
75°	5.9
77.5°	4.8
80°	3.8
82.5°	2.7
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)