

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: P1261784

Luminaire Tested: P3AS05R129727DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261784
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R129727DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

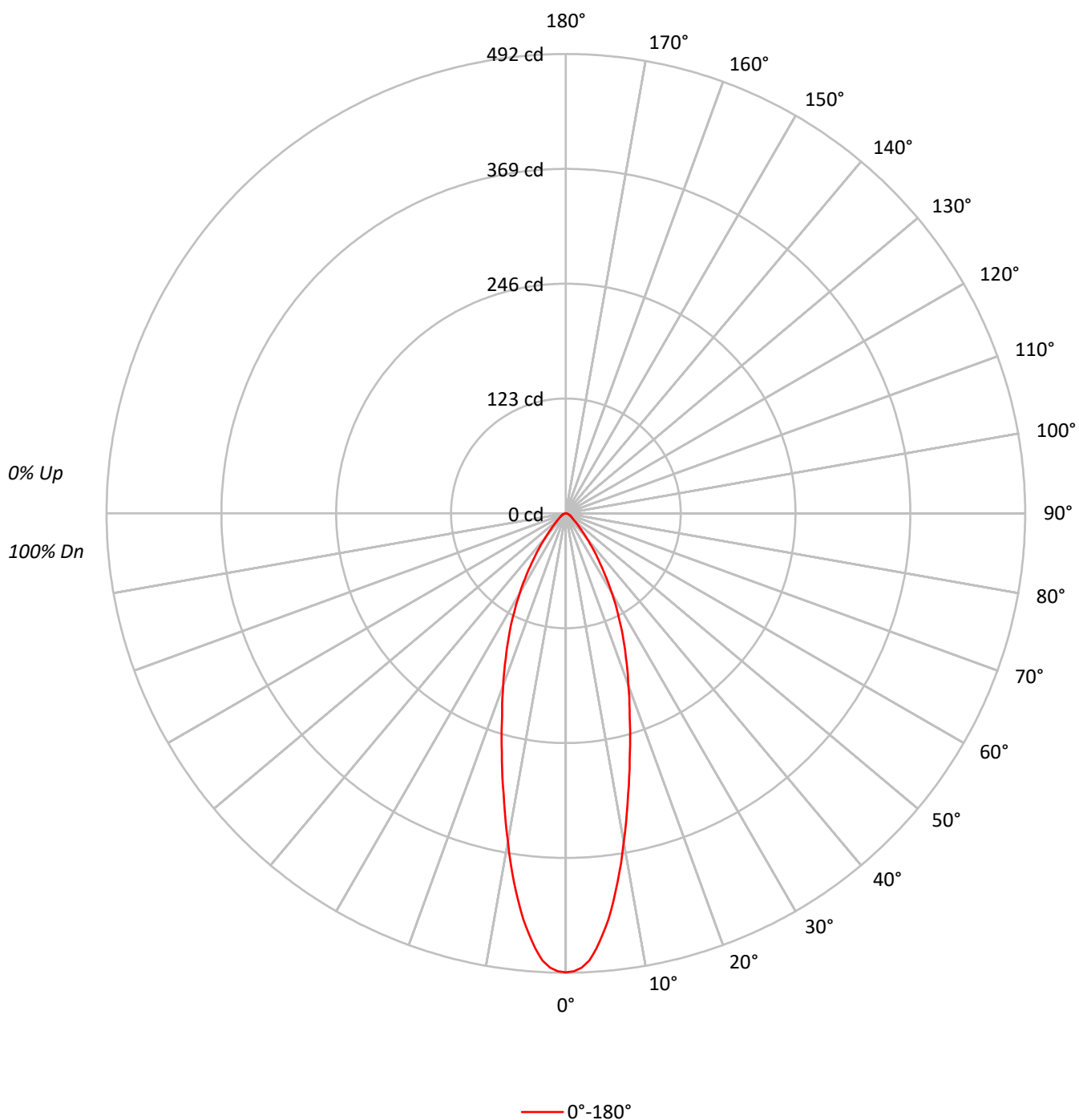
Lumens per Lamp: N/A
Luminaire Lumens: 250.0 lumens
Efficiency: N/A
Efficacy: 32.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	73		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107798
5°	99648
10°	79558
15°	60091
20°	45761
25°	34865
30°	24991
35°	16302
40°	9990
45°	6047
50°	4025
55°	3097
60°	2675
65°	2335
70°	2052
75°	2033
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6047 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.1	16.0
10°-20°	74.0	29.6
20°-30°	65.9	26.4
30°-40°	39.0	15.6
40°-50°	16.0	6.4
50°-60°	7.5	3.0
60°-70°	4.6	1.8
70°-80°	2.4	0.9
80°-90°	0.6	0.2
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°	180.0	72.0
0°-40°	218.9	87.6
0°-60°	242.4	97.0
0°-90°	250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	492	
5°	453	40
15°	265	74
25°	144	66
35°	61	39
45°	20	16
55°	8	7
65°	4	5
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	491.6
1°	490.4
2°	486.8
3°	479.5
4°	467.3
5°	452.7
6°	436.8
7°	418.2
8°	398.7
9°	378.8
10°	357.3
12.5°	308.1
15°	264.7
17.5°	227.3
20°	196.1
22.5°	168.5
25°	144.1
27.5°	120.6
30°	98.7
32.5°	78.8
35°	60.9
37.5°	46.7
40°	34.9
42.5°	26.0
45°	19.5
47.5°	15.0
50°	11.8
52.5°	9.7
55°	8.1
57.5°	6.9
60°	6.1
62.5°	5.3
65°	4.5
67.5°	4.1
70°	3.2
72.5°	2.8
75°	2.4
77.5°	1.6
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)