

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: P1271437

Luminaire Tested: P3AS05R609827DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271437
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609827DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

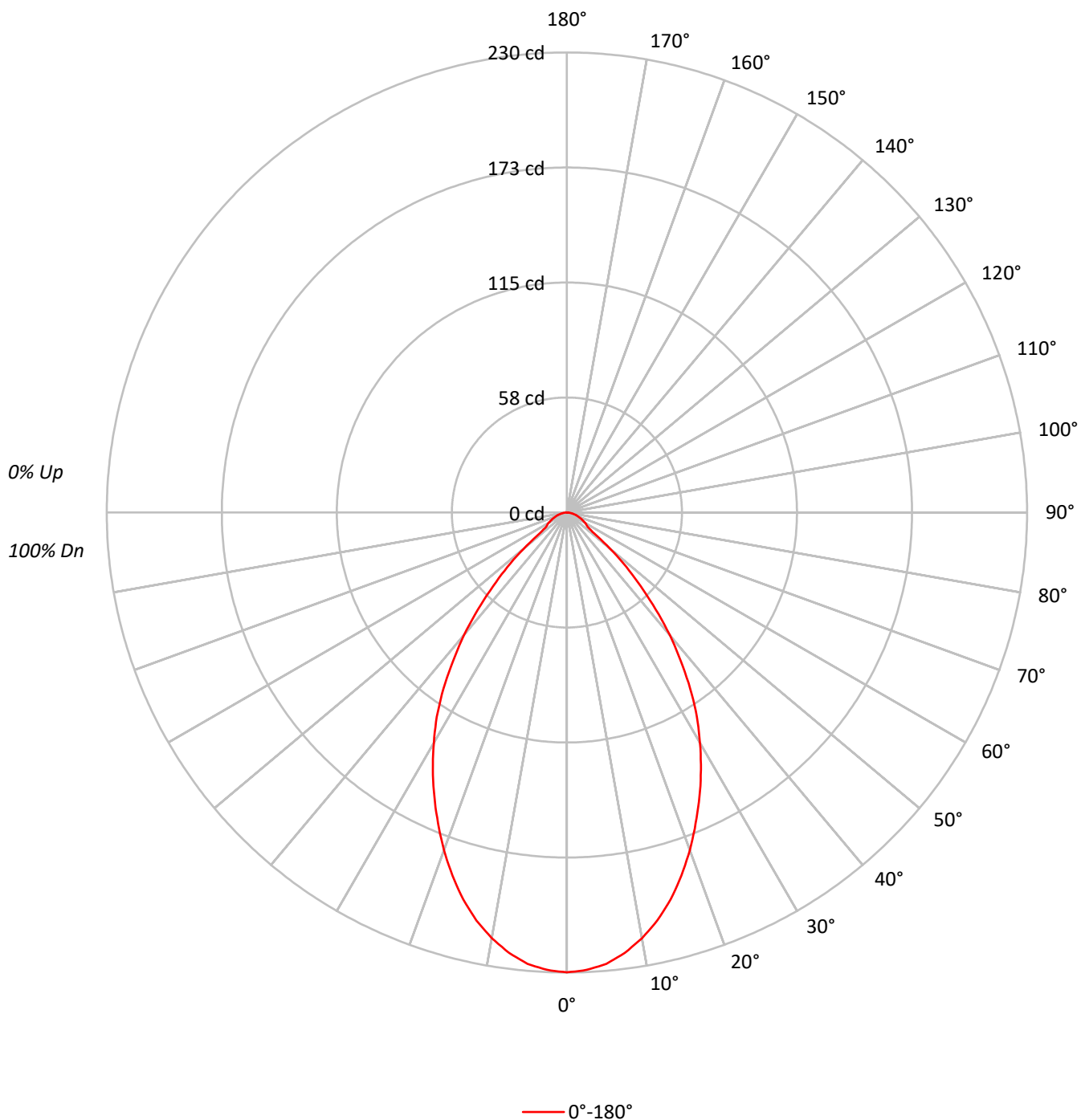
Lumens per Lamp: N/A
Luminaire Lumens: 284.0 lumens
Efficiency: N/A
Efficacy: 39.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50413
5°	49857
10°	48118
15°	45471
20°	41910
25°	37938
30°	33676
35°	28777
40°	22900
45°	16126
50°	9654
55°	4893
60°	4693
65°	4307
70°	3975
75°	3813
80°	3536
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16126 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	7.5
10°-20°	56.0	19.7
20°-30°	71.9	25.3
30°-40°	66.6	23.5
40°-50°	40.6	14.3
50°-60°	13.5	4.8
60°-70°	8.2	2.9
70°-80°	4.6	1.6
80°-90°	1.3	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°	149.1	52.5
0°-40°	215.7	76.0
0°-60°	269.8	95.0
0°-90°	284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	284.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	230	
5°	226	21
15°	200	56
25°	157	72
35°	108	67
45°	52	41
55°	13	14
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	229.9
2.5°	228.9
5°	226.5
7.5°	222.0
10°	216.1
12.5°	208.9
15°	200.3
17.5°	190.3
20°	179.6
22.5°	168.2
25°	156.8
27.5°	145.1
30°	133.0
32.5°	121.0
35°	107.5
37.5°	93.4
40°	80.0
42.5°	65.8
45°	52.0
47.5°	40.3
50°	28.3
52.5°	16.9
55°	12.8
57.5°	11.7
60°	10.7
62.5°	9.3
65°	8.3
67.5°	7.2
70°	6.2
72.5°	5.2
75°	4.5
77.5°	3.4
80°	2.8
82.5°	1.7
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)