

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: P1271436

Luminaire Tested: P3AS05R609827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271436
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 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

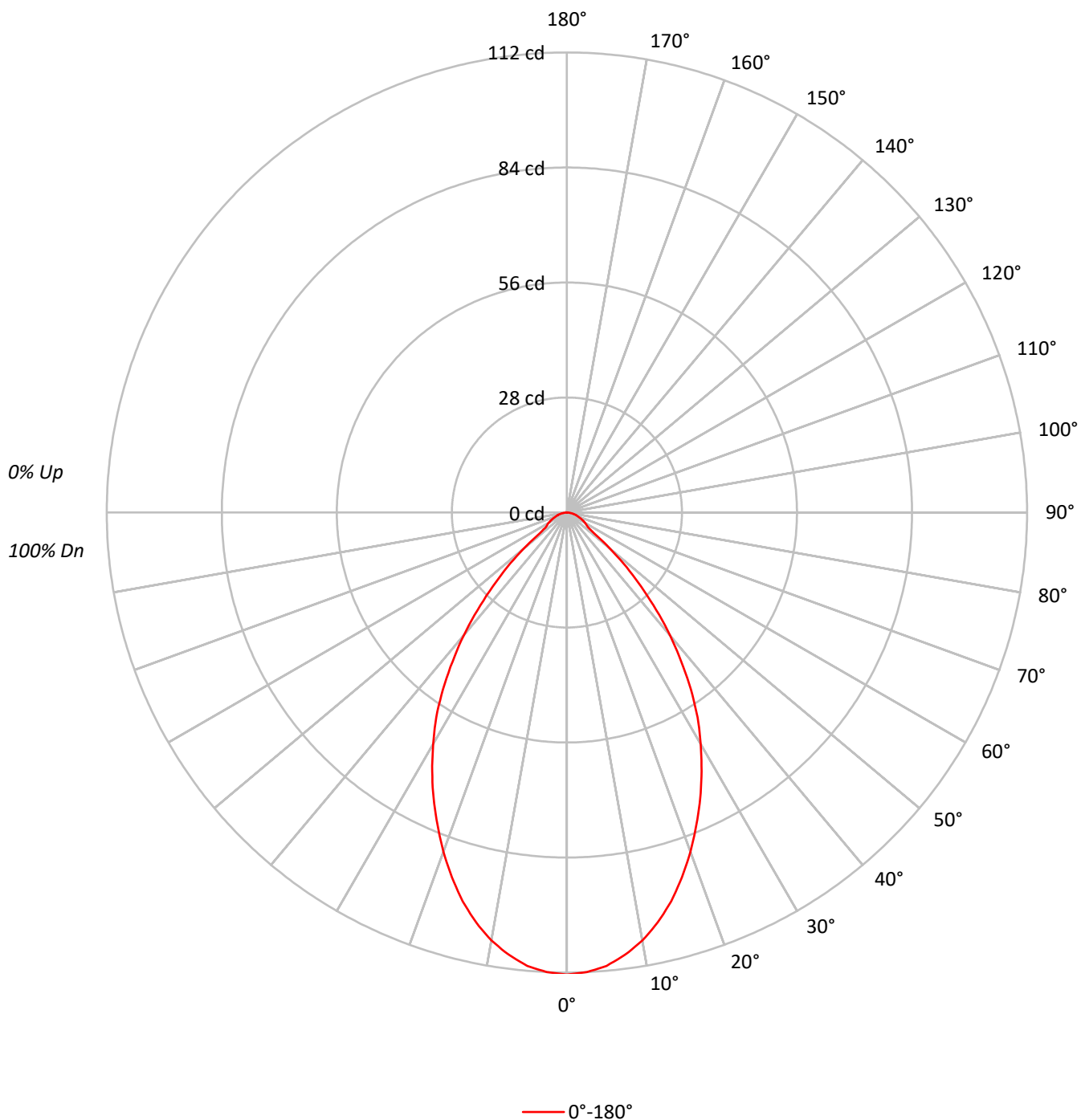
Lumens per Lamp: N/A
Luminaire Lumens: 138.9 lumens
Efficiency: N/A
Efficacy: 19.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	98	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	91	82	76	71	80	75	71		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	50	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	24669
5°	24389
10°	23558
15°	22248
20°	20512
25°	18582
30°	16484
35°	14081
40°	11192
45°	7908
50°	4708
55°	2370
60°	2281
65°	2075
70°	1923
75°	1864
80°	1642
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7908 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.4	7.5
10°-20°	27.4	19.7
20°-30°	35.2	25.3
30°-40°	32.6	23.5
40°-50°	19.8	14.3
50°-60°	6.6	4.8
60°-70°	4.0	2.9
70°-80°	2.3	1.6
80°-90°	0.6	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°	73.0	52.5
0°-40°	105.6	76.0
0°-60°	132.0	95.1
0°-90°	138.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	138.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	112	
5°	111	10
15°	98	27
25°	77	35
35°	53	33
45°	26	20
55°	6	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	112.5
2.5°	112.0
5°	110.8
7.5°	108.6
10°	105.8
12.5°	102.2
15°	98.0
17.5°	93.1
20°	87.9
22.5°	82.3
25°	76.8
27.5°	71.0
30°	65.1
32.5°	59.2
35°	52.6
37.5°	45.7
40°	39.1
42.5°	32.2
45°	25.5
47.5°	19.7
50°	13.8
52.5°	8.3
55°	6.2
57.5°	5.7
60°	5.2
62.5°	4.6
65°	4.0
67.5°	3.5
70°	3.0
72.5°	2.5
75°	2.2
77.5°	1.7
80°	1.3
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)