

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: P1271378

Luminaire Tested: P3AS05R509827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271378
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

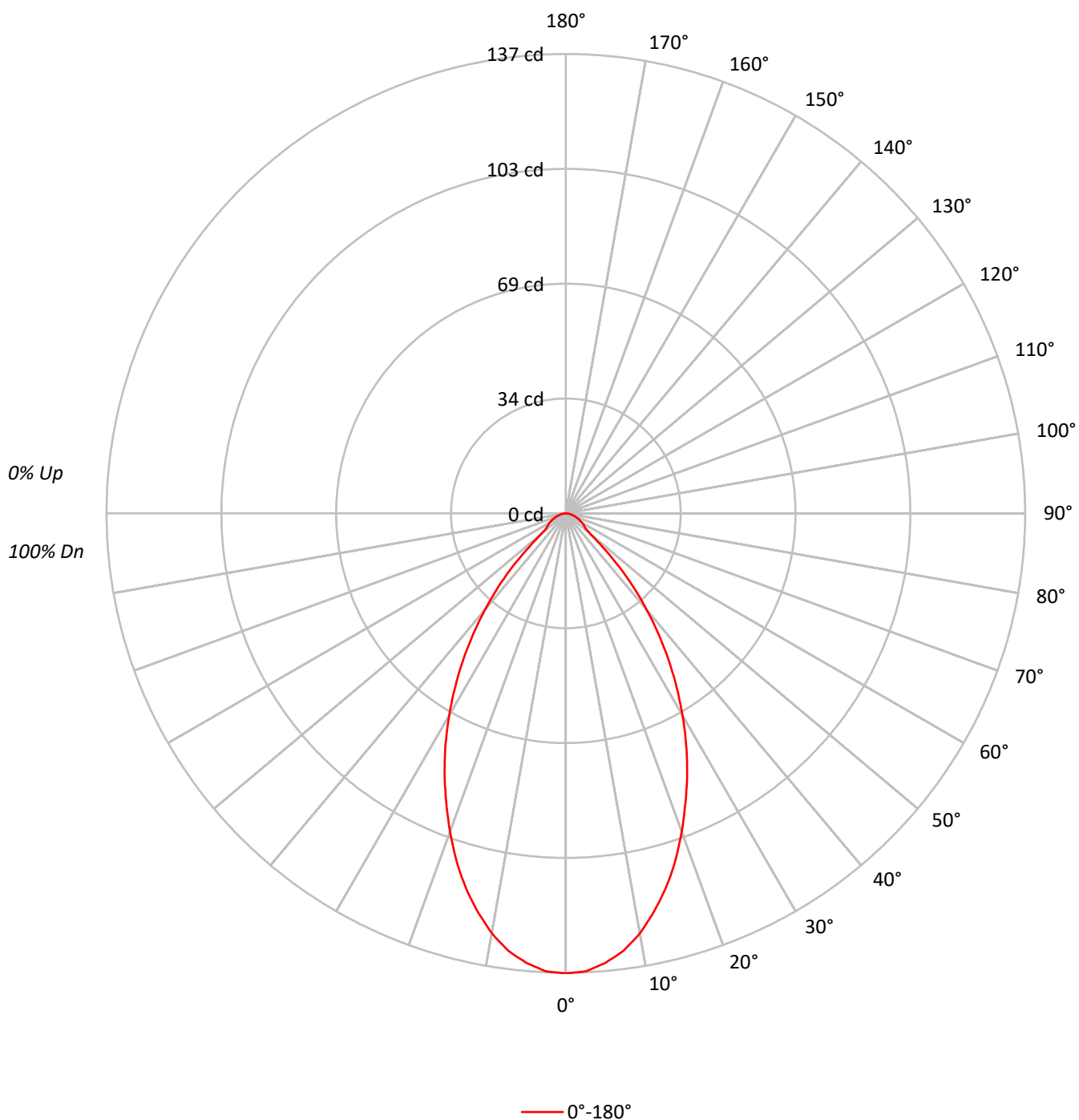
Lumens per Lamp: N/A
Luminaire Lumens: 148.0 lumens
Efficiency: N/A
Efficacy: 20.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	30085
5°	29628
10°	28323
15°	26220
20°	23569
25°	20711
30°	17623
35°	14295
40°	10734
45°	6915
50°	3275
55°	2600
60°	2456
65°	2283
70°	2052
75°	1864
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6915 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.6	8.5
10°-20°	32.2	21.8
20°-30°	39.1	26.4
30°-40°	33.2	22.4
40°-50°	17.2	11.7
50°-60°	6.2	4.2
60°-70°	4.3	2.9
70°-80°	2.3	1.6
80°-90°	0.7	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°	84.0	56.7
0°-40°	117.1	79.2
0°-60°	140.6	95.0
0°-90°	148.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	148.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	137	
5°	135	13
15°	116	32
25°	86	39
35°	53	33
45°	22	17
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	137.2
2.5°	136.7
5°	134.6
7.5°	131.6
10°	127.2
12.5°	121.6
15°	115.5
17.5°	108.6
20°	101.0
22.5°	93.2
25°	85.6
27.5°	77.7
30°	69.6
32.5°	61.5
35°	53.4
37.5°	45.4
40°	37.5
42.5°	29.9
45°	22.3
47.5°	14.9
50°	9.6
52.5°	7.4
55°	6.8
57.5°	6.1
60°	5.6
62.5°	4.9
65°	4.4
67.5°	3.7
70°	3.2
72.5°	2.7
75°	2.2
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)