

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: P1248242

Luminaire Tested: P3AS02R609027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248242
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: P3AS02R609027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

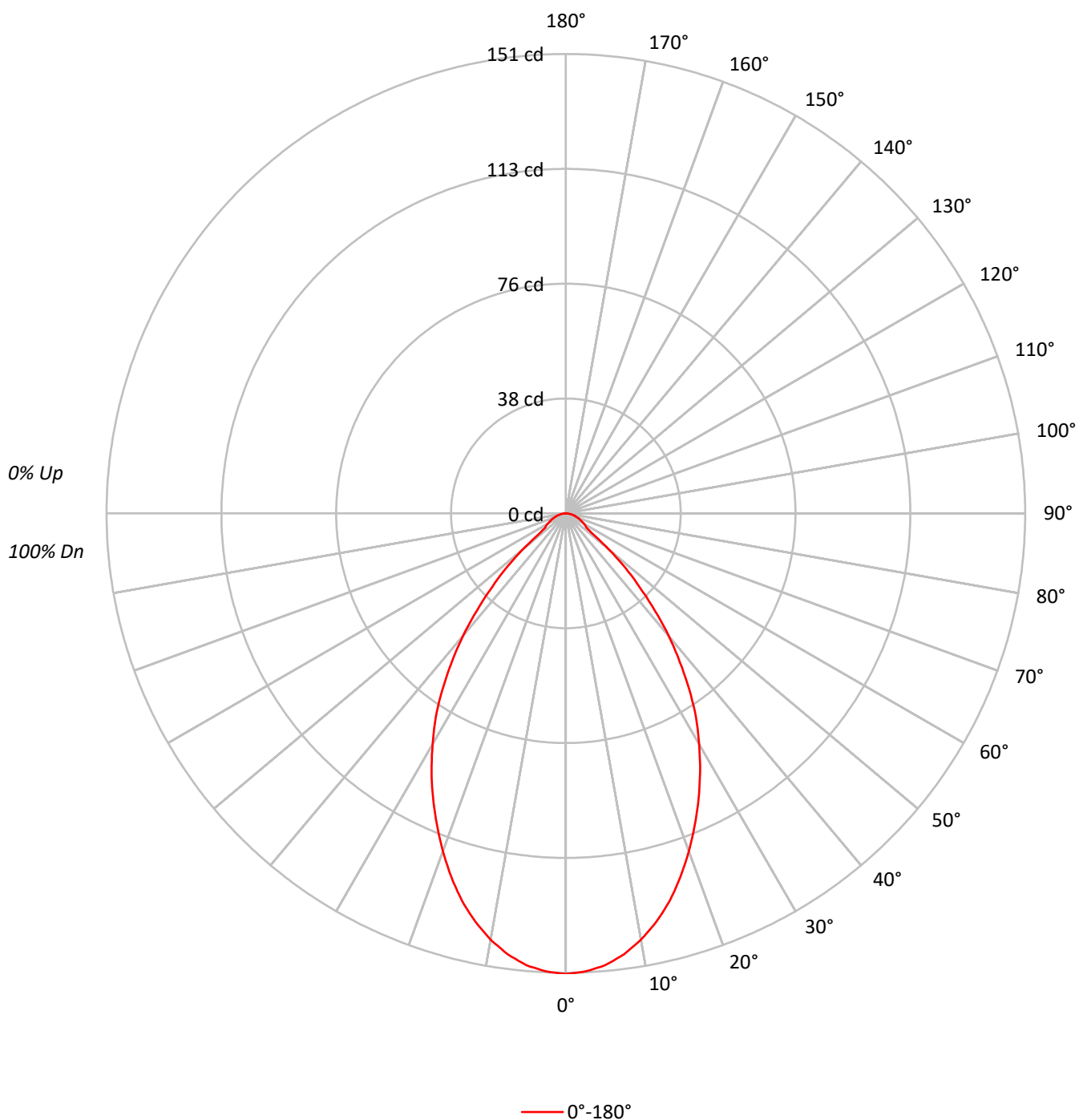
Lumens per Lamp: N/A
Luminaire Lumens: 187.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	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°	33199
5°	32820
10°	31685
15°	29943
20°	27582
25°	24993
30°	22181
35°	18953
40°	15085
45°	10637
50°	6345
55°	3211
60°	3070
65°	2802
70°	2629
75°	2542
80°	2273
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10637 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.0	7.5
10°-20°	36.9	19.7
20°-30°	47.3	25.3
30°-40°	43.9	23.5
40°-50°	26.7	14.3
50°-60°	8.9	4.8
60°-70°	5.4	2.9
70°-80°	3.1	1.6
80°-90°	0.9	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°	98.2	52.5
0°-40°	142.1	76.0
0°-60°	177.7	95.0
0°-90°	187.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	187.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	151	
5°	149	14
15°	132	37
25°	103	47
35°	71	44
45°	34	27
55°	8	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	151.4
2.5°	150.7
5°	149.1
7.5°	146.2
10°	142.3
12.5°	137.5
15°	131.9
17.5°	125.3
20°	118.2
22.5°	110.8
25°	103.3
27.5°	95.6
30°	87.6
32.5°	79.7
35°	70.8
37.5°	61.5
40°	52.7
42.5°	43.3
45°	34.3
47.5°	26.6
50°	18.6
52.5°	11.1
55°	8.4
57.5°	7.7
60°	7.0
62.5°	6.1
65°	5.4
67.5°	4.8
70°	4.1
72.5°	3.4
75°	3.0
77.5°	2.3
80°	1.8
82.5°	1.1
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)