

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: P1256190

Luminaire Tested: P3AS02R309040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256190
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

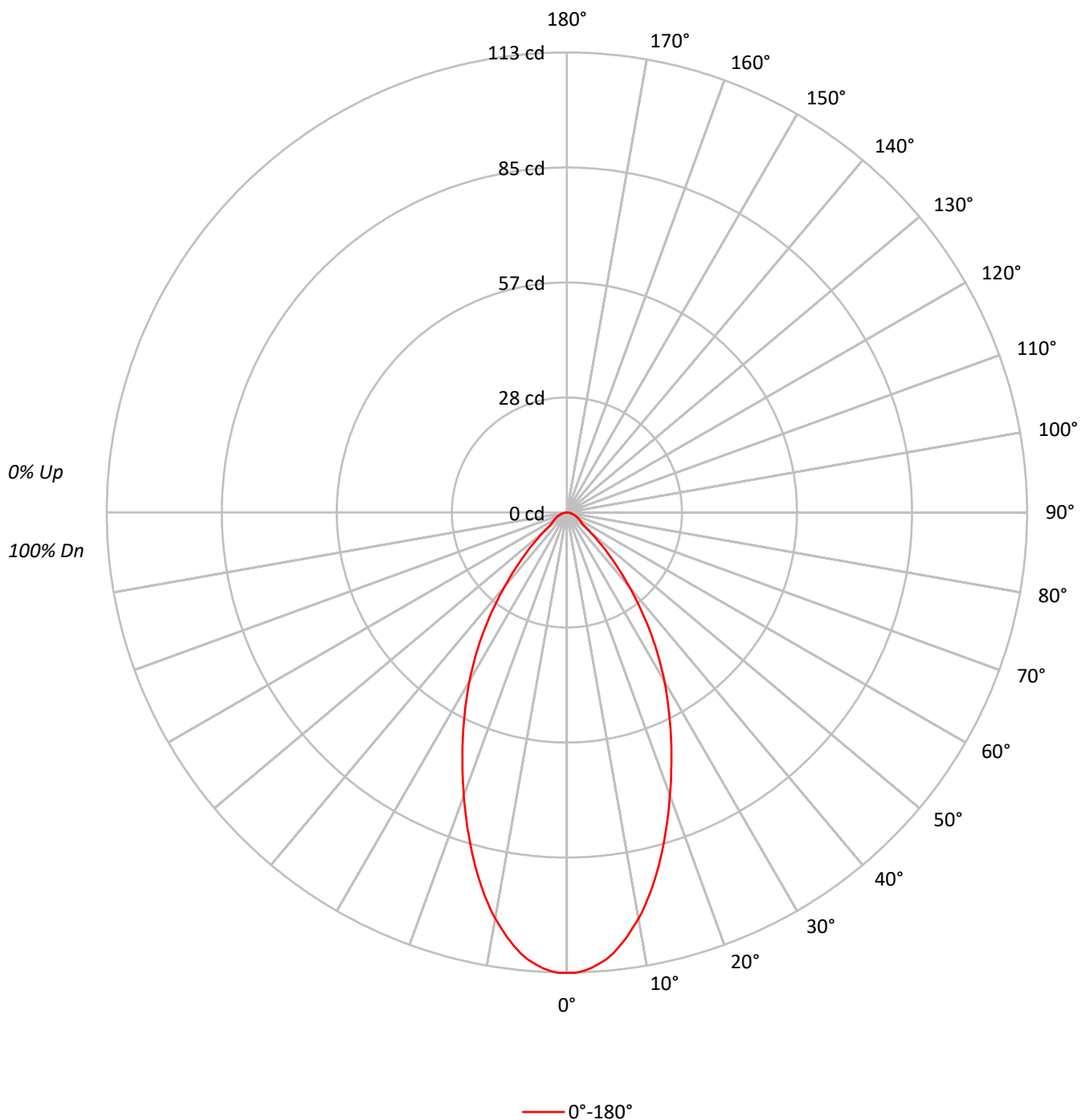
Lumens per Lamp: N/A
Luminaire Lumens: 105.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1256190

CATALOG NUMBER: P3AS02R309040DE010 E3DLD1GPH

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	77	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	24801
5°	24257
10°	22556
15°	20068
20°	17268
25°	14614
30°	12128
35°	9530
40°	6813
45°	4466
50°	2559
55°	1682
60°	1579
65°	1453
70°	1346
75°	1186
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4466 cd/sqm

TEST NUMBER: P1256190

CATALOG NUMBER: P3AS02R309040DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	9.7
10°-20°	24.6	23.4
20°-30°	27.7	26.4
30°-40°	22.1	21.1
40°-50°	11.4	10.8
50°-60°	4.3	4.1
60°-70°	2.8	2.7
70°-80°	1.5	1.5
80°-90°	0.4	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°	62.5	59.5
0°-40°	84.6	80.6
0°-60°	100.2	95.5
0°-90°	105.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	105.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	113	
5°	110	10
15°	88	25
25°	60	28
35°	36	22
45°	14	11
55°	4	4
65°	3	3
75°	1	2
85°	0	0
90°	0	

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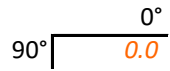
CANDELA DISTRIBUTION (FULL):

0°	
0°	113.1
1°	113.1
2°	112.7
3°	112.1
4°	111.2
5°	110.2
6°	108.9
7°	107.2
8°	105.4
9°	103.3
10°	101.3
11°	99.0
12°	96.5
13°	93.9
14°	91.2
15°	88.4
17.5°	81.2
20°	74.0
22.5°	67.0
25°	60.4
27.5°	54.0
30°	47.9
32.5°	41.7
35°	35.6
37.5°	29.5
40°	23.8
42.5°	18.8
45°	14.4
47.5°	10.7
50°	7.5
52.5°	5.3
55°	4.4
57.5°	4.0
60°	3.6
62.5°	3.2
65°	2.8
67.5°	2.4
70°	2.1
72.5°	1.7
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.1



TEST NUMBER: P1256190
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CANDELA DISTRIBUTION (continued):



(END OF REPORT)