

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: P1250867

Luminaire Tested: P3AS02R459030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250867
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

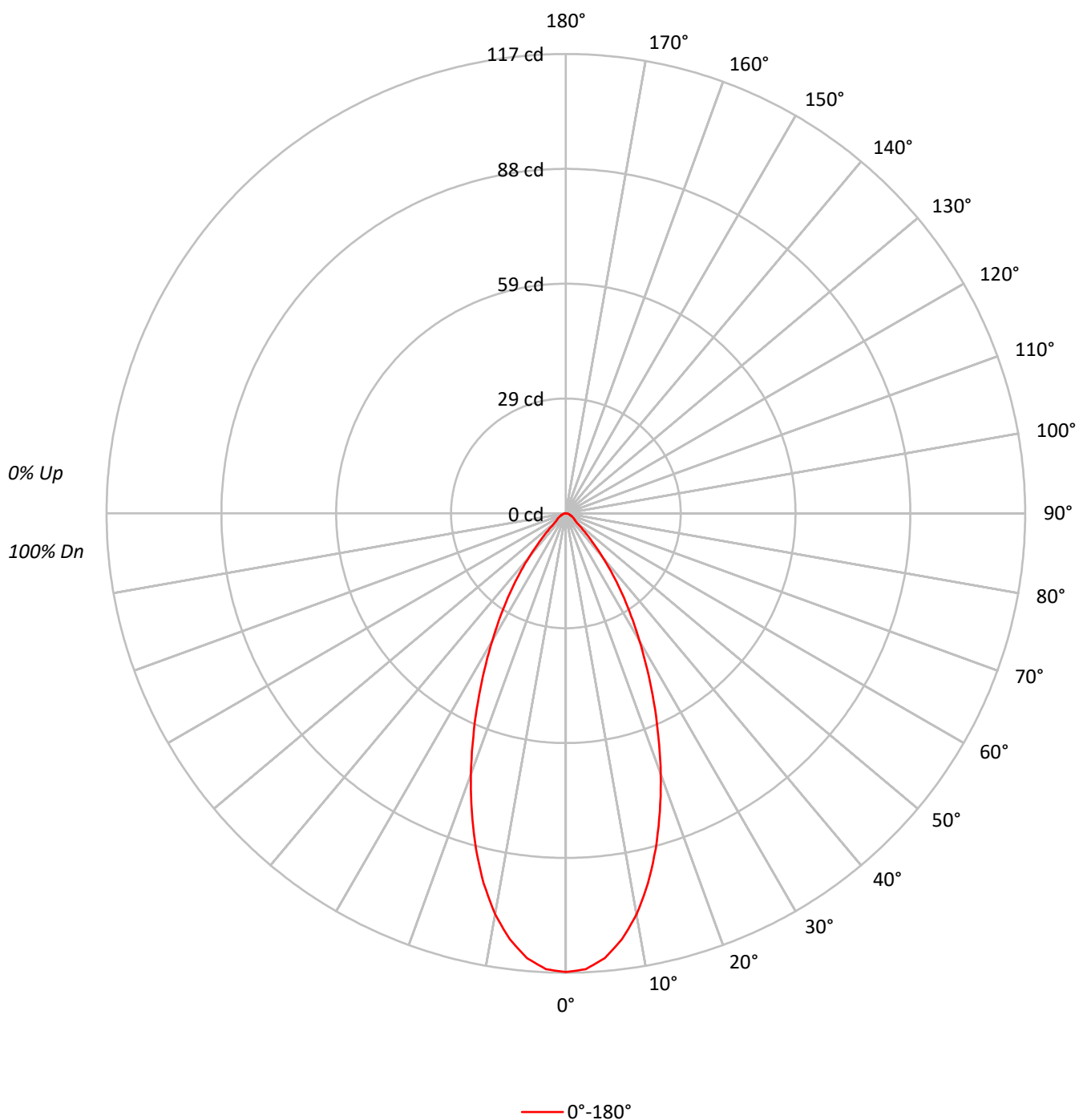
Lumens per Lamp: N/A
Luminaire Lumens: 86.0 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250867

CATALOG NUMBER: P3AS02R459030DE010 E3DLP1GPH

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	25612
5°	25027
10°	23090
15°	20068
20°	16498
25°	12823
30°	9470
35°	6666
40°	4151
45°	2264
50°	1228
55°	1032
60°	921
65°	778
70°	705
75°	678
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2264 cd/sqm

TEST NUMBER: P1250867

CATALOG NUMBER: P3AS02R459030DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	12.2
10°-20°	24.4	28.4
20°-30°	24.3	28.2
30°-40°	15.6	18.2
40°-50°	6.0	7.0
50°-60°	2.4	2.8
60°-70°	1.5	1.8
70°-80°	0.8	1.0
80°-90°	0.3	0.3
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°	59.2	68.9
0°-40°	74.9	87.1
0°-60°	83.3	96.9
0°-90°	86.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	86.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	117	
5°	114	11
15°	88	24
25°	53	24
35°	25	16
45°	7	6
55°	3	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	116.8
2.5°	116.2
5°	113.7
7.5°	109.4
10°	103.7
12.5°	96.6
15°	88.4
17.5°	79.6
20°	70.7
22.5°	61.6
25°	53.0
27.5°	44.9
30°	37.4
32.5°	30.9
35°	24.9
37.5°	19.5
40°	14.5
42.5°	10.5
45°	7.3
47.5°	4.9
50°	3.6
52.5°	3.0
55°	2.7
57.5°	2.4
60°	2.1
62.5°	1.8
65°	1.5
67.5°	1.3
70°	1.1
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)