

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: P1286015

Luminaire Tested: P3AS02R159030D2WDE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286015
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159030D2WDE010 E3DLP1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

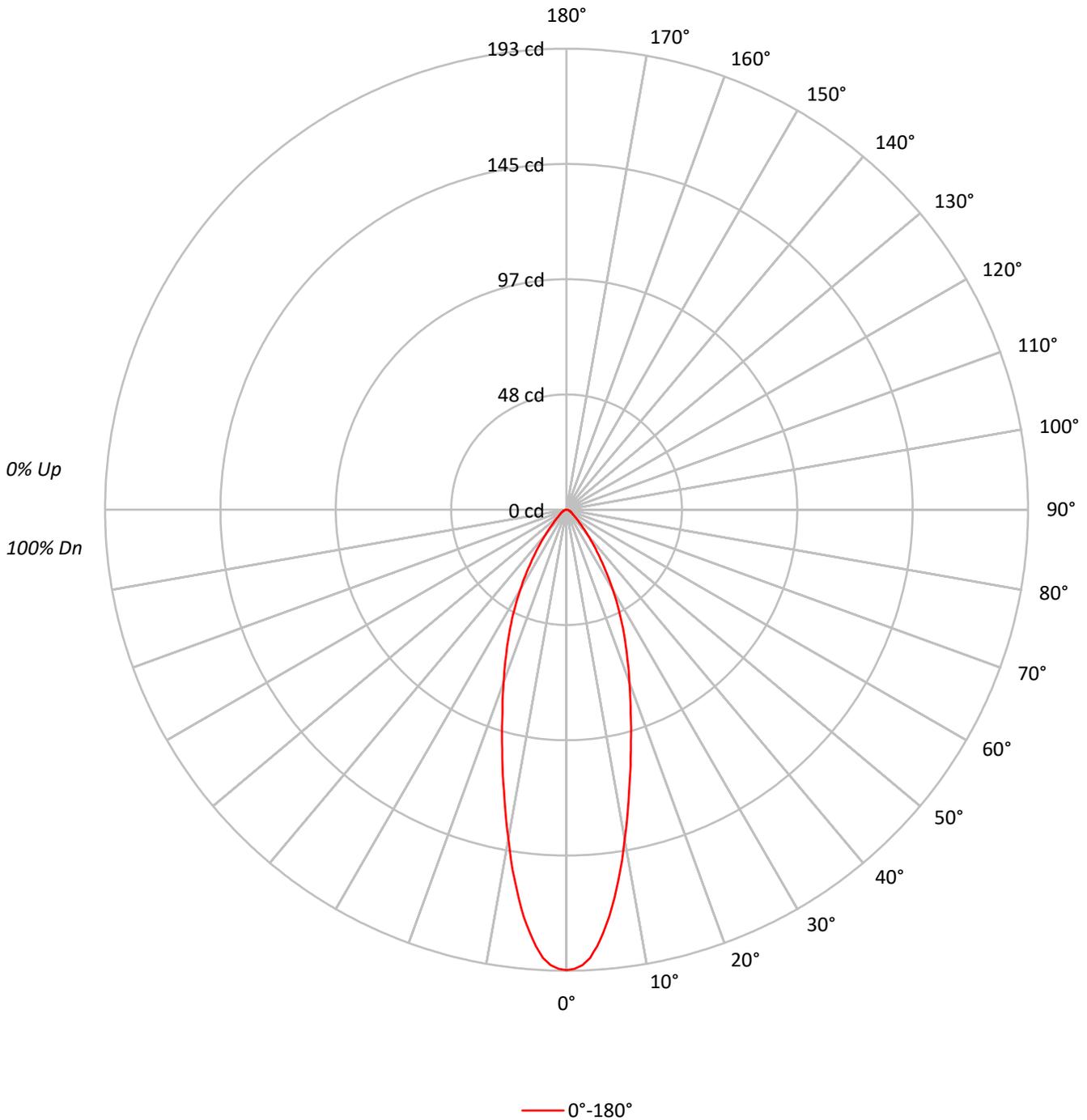
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 98.1 lumens
Efficiency: N/A
Efficacy: 13.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
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

TEST NUMBER: P1286015
CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1286015
 CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	77	82	79	77	75	75	75	75
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42255
5°	39049
10°	31173
15°	23564
20°	17945
25°	13670
30°	9799
35°	6398
40°	3922
45°	2357
50°	1569
55°	1223
60°	1053
65°	934
70°	833
75°	847
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2357 cd/sqm



TEST NUMBER: P1286015

CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	16.0
10°-20°	29.0	29.6
20°-30°	25.8	26.3
30°-40°	15.3	15.6
40°-50°	6.3	6.4
50°-60°	2.9	3.0
60°-70°	1.8	1.9
70°-80°	0.9	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°	70.5	71.9
0°-40°	85.8	87.5
0°-60°	95.0	96.9
0°-90°	98.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	98.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	193	
5°	177	16
15°	104	29
25°	56	26
35°	24	15
45°	8	6
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1286015
CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	192.7
1°	192.2
2°	190.8
3°	187.9
4°	183.2
5°	177.4
6°	171.2
7°	163.9
8°	156.3
9°	148.5
10°	140.0
12.5°	120.8
15°	103.8
17.5°	89.1
20°	76.9
22.5°	66.0
25°	56.5
27.5°	47.3
30°	38.7
32.5°	30.9
35°	23.9
37.5°	18.3
40°	13.7
42.5°	10.2
45°	7.6
47.5°	5.9
50°	4.6
52.5°	3.8
55°	3.2
57.5°	2.7
60°	2.4
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.3
72.5°	1.1
75°	1.0
77.5°	0.6
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)