

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: P1286010

Luminaire Tested: P3AS02R159030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286010
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

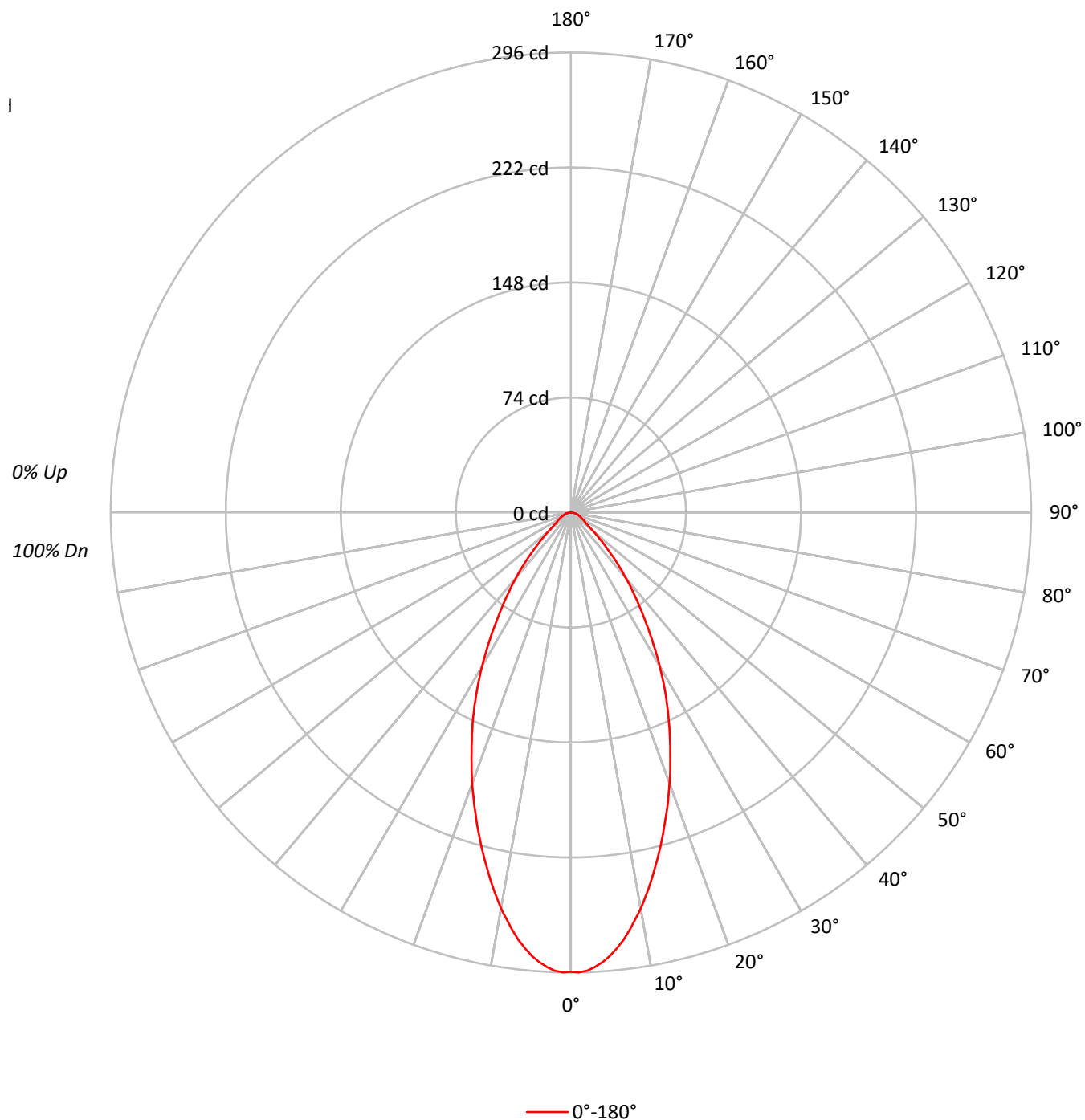
Lumens per Lamp: N/A
Luminaire Lumens: 257.0 lumens
Efficiency: N/A
Efficacy: 35.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1286010

CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLD1H

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	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64819
5°	63064
10°	57625
15°	50488
20°	43310
25°	36147
30°	28941
35°	21710
40°	15744
45°	10296
50°	6448
55°	4358
60°	3859
65°	3528
70°	3334
75°	3050
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10296 cd/sqm

TEST NUMBER: P1286010

CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	10.3
10°-20°	62.0	24.1
20°-30°	68.3	26.6
30°-40°	51.1	19.9
40°-50°	26.5	10.3
50°-60°	11.0	4.3
60°-70°	6.8	2.6
70°-80°	3.8	1.5
80°-90°	1.1	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°	156.7	61.0
0°-40°	207.8	80.9
0°-60°	245.3	95.4
0°-90°	257.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	257.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	296	
5°	286	26
15°	222	62
25°	149	68
35°	81	51
45°	33	26
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	295.6
1°	296.0
2°	295.0
3°	293.0
4°	290.1
5°	286.5
6°	282.0
7°	277.1
8°	271.2
9°	265.0
10°	258.8
12.5°	240.9
15°	222.4
17.5°	203.8
20°	185.6
22.5°	167.0
25°	149.4
27.5°	131.9
30°	114.3
32.5°	97.0
35°	81.1
37.5°	67.4
40°	55.0
42.5°	43.6
45°	33.2
47.5°	25.1
50°	18.9
52.5°	14.0
55°	11.4
57.5°	10.1
60°	8.8
62.5°	7.8
65°	6.8
67.5°	5.9
70°	5.2
72.5°	4.2
75°	3.6
77.5°	2.9
80°	2.3
82.5°	1.6
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)