

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: P1286009

Luminaire Tested: P3AS02R159030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286009
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 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

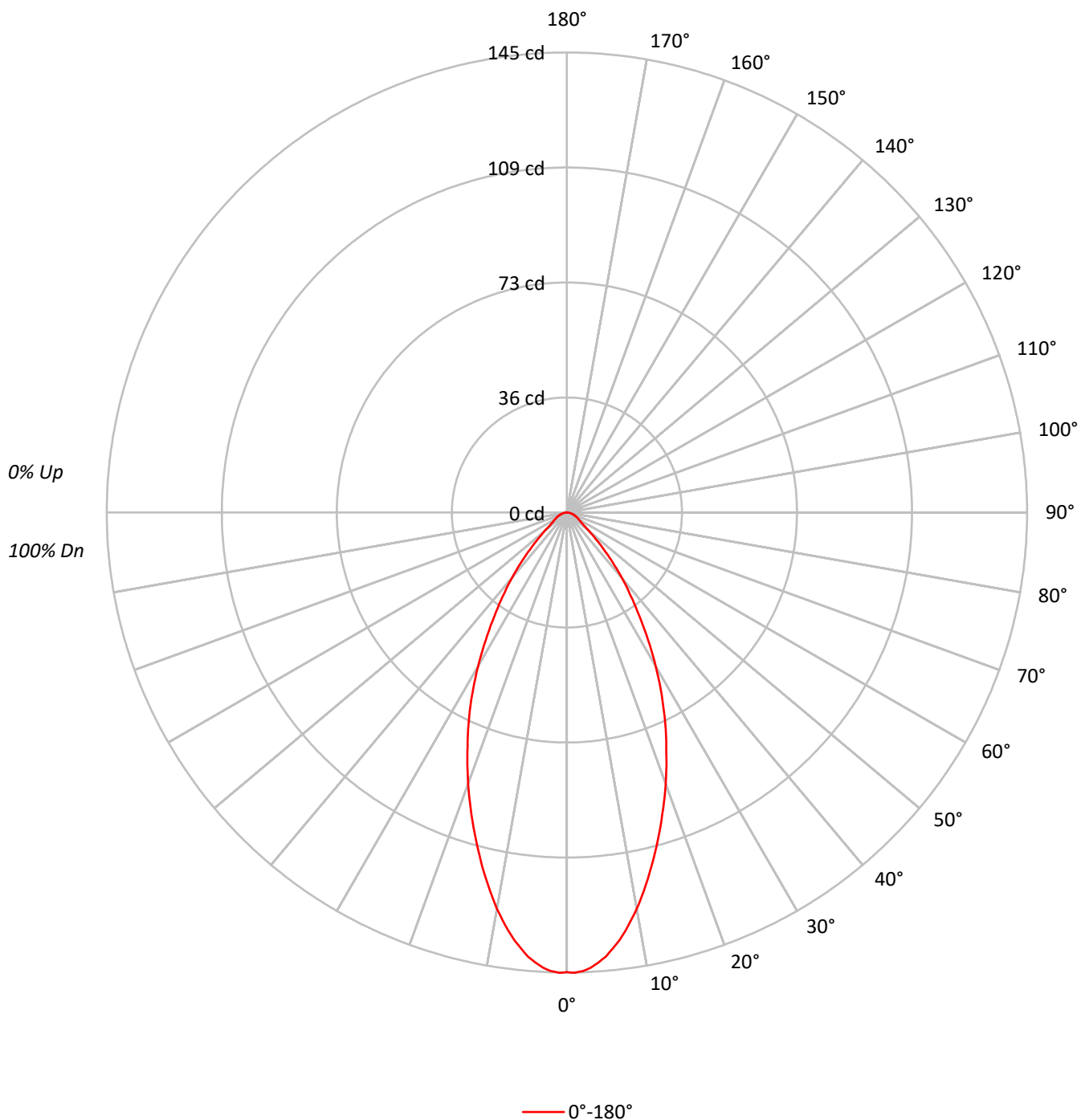
Lumens per Lamp: N/A
Luminaire Lumens: 126.0 lumens
Efficiency: N/A
Efficacy: 17.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1286009

CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1286009

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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	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	70	67		73
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	47	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	31774
5°	30927
10°	28256
15°	24745
20°	21235
25°	17735
30°	14179
35°	10627
40°	7729
45°	5055
50°	3173
55°	2141
60°	1886
65°	1764
70°	1667
75°	1525
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5055 cd/sqm

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CATALOG NUMBER: P3AS02R159030D2WDE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.0	10.3
10°-20°	30.4	24.1
20°-30°	33.5	26.6
30°-40°	25.1	19.9
40°-50°	13.0	10.3
50°-60°	5.4	4.3
60°-70°	3.4	2.7
70°-80°	1.9	1.5
80°-90°	0.6	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°	76.8	60.9
0°-40°	101.9	80.8
0°-60°	120.2	95.4
0°-90°	126.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	126.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	145	
5°	140	13
15°	109	30
25°	73	33
35°	40	25
45°	16	13
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	144.9
1°	145.1
2°	144.6
3°	143.7
4°	142.2
5°	140.5
6°	138.2
7°	135.8
8°	133.0
9°	129.9
10°	126.9
12.5°	118.1
15°	109.0
17.5°	99.9
20°	91.0
22.5°	81.9
25°	73.3
27.5°	64.6
30°	56.0
32.5°	47.6
35°	39.7
37.5°	33.0
40°	27.0
42.5°	21.4
45°	16.3
47.5°	12.3
50°	9.3
52.5°	6.9
55°	5.6
57.5°	4.9
60°	4.3
62.5°	3.8
65°	3.4
67.5°	2.9
70°	2.6
72.5°	2.1
75°	1.8
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)