

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: P1287045

Luminaire Tested: P3AS13R159030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287045
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: P3AS13R159030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

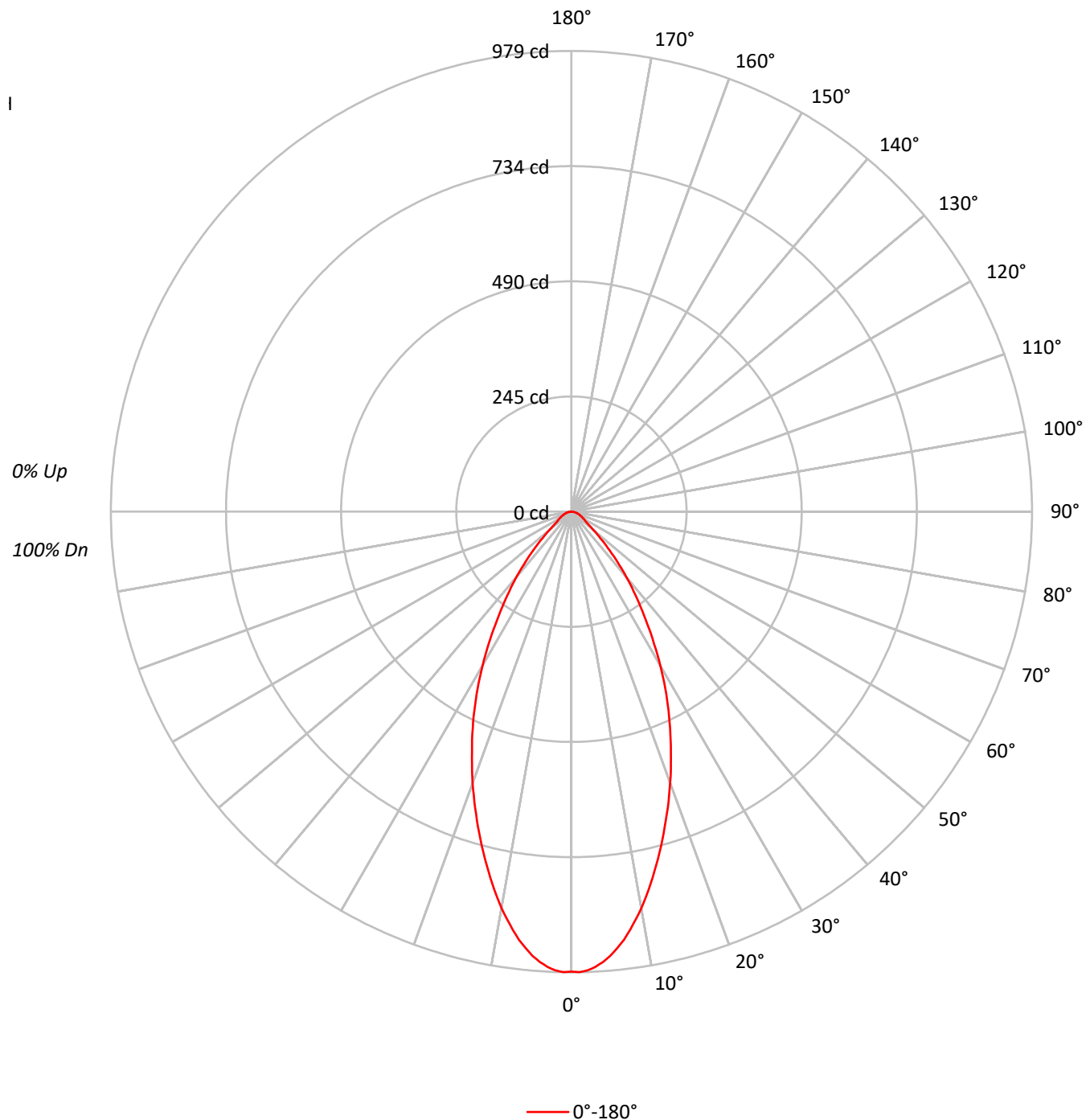
Lumens per Lamp: N/A
Luminaire Lumens: 850.0 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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

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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	109	107	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		70
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	214391
5°	208584
10°	190622
15°	166970
20°	143232
25°	119596
30°	95711
35°	71768
40°	52098
45°	34050
50°	21321
55°	14413
60°	12762
65°	11726
70°	11028
75°	9997
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 34050 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	10.3
10°-20°	204.9	24.1
20°-30°	225.8	26.6
30°-40°	169.1	19.9
40°-50°	87.6	10.3
50°-60°	36.3	4.3
60°-70°	22.5	2.6
70°-80°	12.6	1.5
80°-90°	3.7	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°	518.2	61.0
0°-40°	687.2	80.9
0°-60°	811.2	95.4
0°-90°	850.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	850.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	978	
5°	948	87
15°	736	205
25°	494	226
35°	268	169
45°	110	88
55°	38	36
65°	23	22
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	977.7
1°	978.8
2°	975.6
3°	969.1
4°	959.4
5°	947.6
6°	932.5
7°	916.4
8°	897.0
9°	876.5
10°	856.1
12.5°	796.8
15°	735.5
17.5°	674.1
20°	613.8
22.5°	552.4
25°	494.3
27.5°	436.1
30°	378.0
32.5°	320.9
35°	268.1
37.5°	222.9
40°	182.0
42.5°	144.3
45°	109.8
47.5°	82.9
50°	62.5
52.5°	46.3
55°	37.7
57.5°	33.4
60°	29.1
62.5°	25.8
65°	22.6
67.5°	19.4
70°	17.2
72.5°	14.0
75°	11.8
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	1.1
90°	0.0

(END OF REPORT)