

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: P1287389

Luminaire Tested: P3AS17R159030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287389
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: P3AS17R159030D2WDE010 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

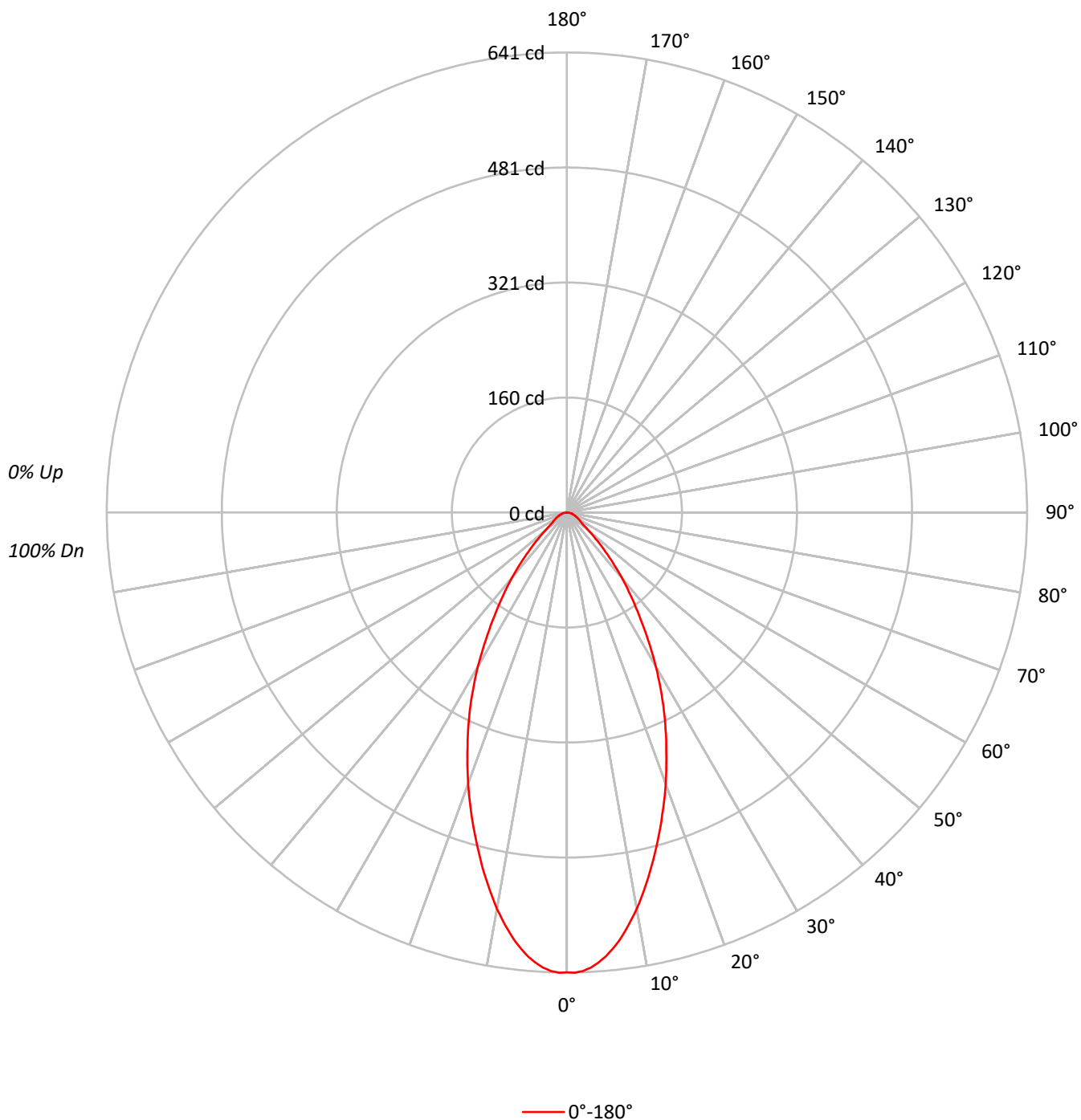
Lumens per Lamp: N/A
Luminaire Lumens: 557.0 lumens
Efficiency: N/A
Efficacy: 20.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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				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°	140493
5°	136693
10°	124914
15°	109399
20°	93855
25°	78367
30°	62719
35°	47034
40°	34150
45°	22328
50°	13953
55°	9443
60°	8377
65°	7679
70°	7245
75°	6608
80°	6188
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.3	10.3
10°-20°	134.3	24.1
20°-30°	148.0	26.6
30°-40°	110.8	19.9
40°-50°	57.4	10.3
50°-60°	23.8	4.3
60°-70°	14.7	2.6
70°-80°	8.3	1.5
80°-90°	2.4	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°	339.5	61.0
0°-40°	450.4	80.9
0°-60°	531.6	95.4
0°-90°	557.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	557.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	641	
5°	621	57
15°	482	134
25°	324	148
35°	176	111
45°	72	57
55°	25	24
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	640.7
1°	641.4
2°	639.3
3°	635.1
4°	628.7
5°	621.0
6°	611.1
7°	600.5
8°	587.8
9°	574.4
10°	561.0
12.5°	522.2
15°	481.9
17.5°	441.7
20°	402.2
22.5°	362.0
25°	323.9
27.5°	285.8
30°	247.7
32.5°	210.3
35°	175.7
37.5°	146.1
40°	119.3
42.5°	94.6
45°	72.0
47.5°	54.3
50°	40.9
52.5°	30.3
55°	24.7
57.5°	21.9
60°	19.1
62.5°	16.9
65°	14.8
67.5°	12.7
70°	11.3
72.5°	9.2
75°	7.8
77.5°	6.4
80°	4.9
82.5°	3.5
85°	2.1
87.5°	0.7
90°	0.0

(END OF REPORT)