

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: P1287395

Luminaire Tested: P3AS17R159030D2WDE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287395
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: P3AS17R159030D2WDE010 E3DLP1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

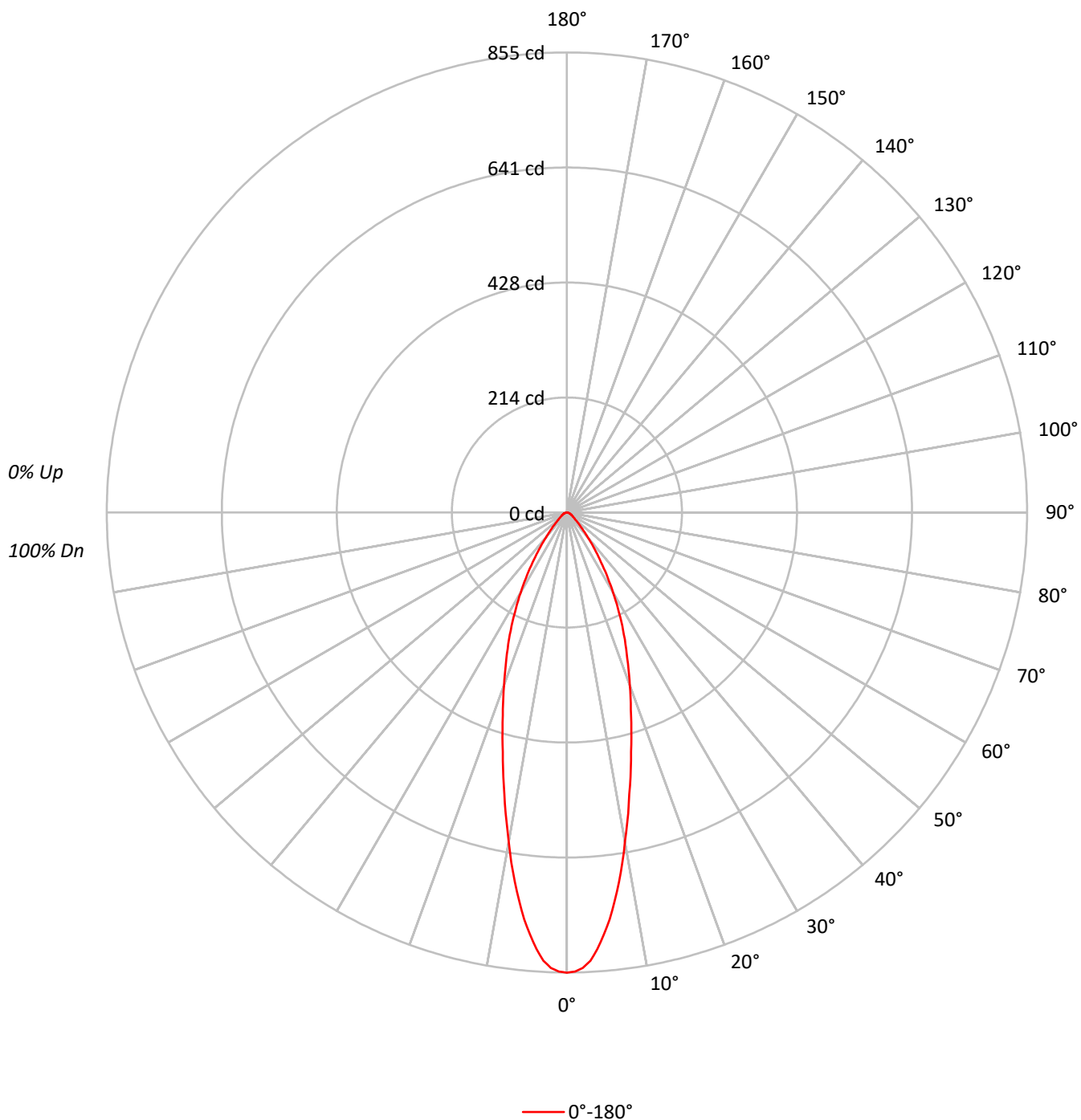
Lumens per Lamp: N/A
Luminaire Lumens: 435.0 lumens
Efficiency: N/A
Efficacy: 15.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	187573
5°	173365
10°	138408
15°	104564
20°	79620
25°	60681
30°	43475
35°	28375
40°	17375
45°	10513
50°	6993
55°	5390
60°	4649
65°	4047
70°	3654
75°	3558
80°	2652
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10513 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.8	16.0
10°-20°	128.7	29.6
20°-30°	114.6	26.3
30°-40°	67.8	15.6
40°-50°	27.8	6.4
50°-60°	13.1	3.0
60°-70°	8.0	1.8
70°-80°	4.2	1.0
80°-90°	1.0	0.2
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°	313.1	72.0
0°-40°	380.9	87.6
0°-60°	421.8	97.0
0°-90°	435.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	435.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	855	
5°	788	70
15°	461	129
25°	251	115
35°	106	68
45°	34	28
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	855.4
1°	853.3
2°	847.0
3°	834.2
4°	813.1
5°	787.6
6°	760.1
7°	727.6
8°	693.7
9°	659.1
10°	621.6
12.5°	536.2
15°	460.6
17.5°	395.6
20°	341.2
22.5°	293.2
25°	250.8
27.5°	209.8
30°	171.7
32.5°	137.0
35°	106.0
37.5°	81.2
40°	60.7
42.5°	45.2
45°	33.9
47.5°	26.1
50°	20.5
52.5°	17.0
55°	14.1
57.5°	12.0
60°	10.6
62.5°	9.2
65°	7.8
67.5°	7.1
70°	5.7
72.5°	4.9
75°	4.2
77.5°	2.8
80°	2.1
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)