

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: P1252173

Luminaire Tested: P3AS13R659030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252173
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

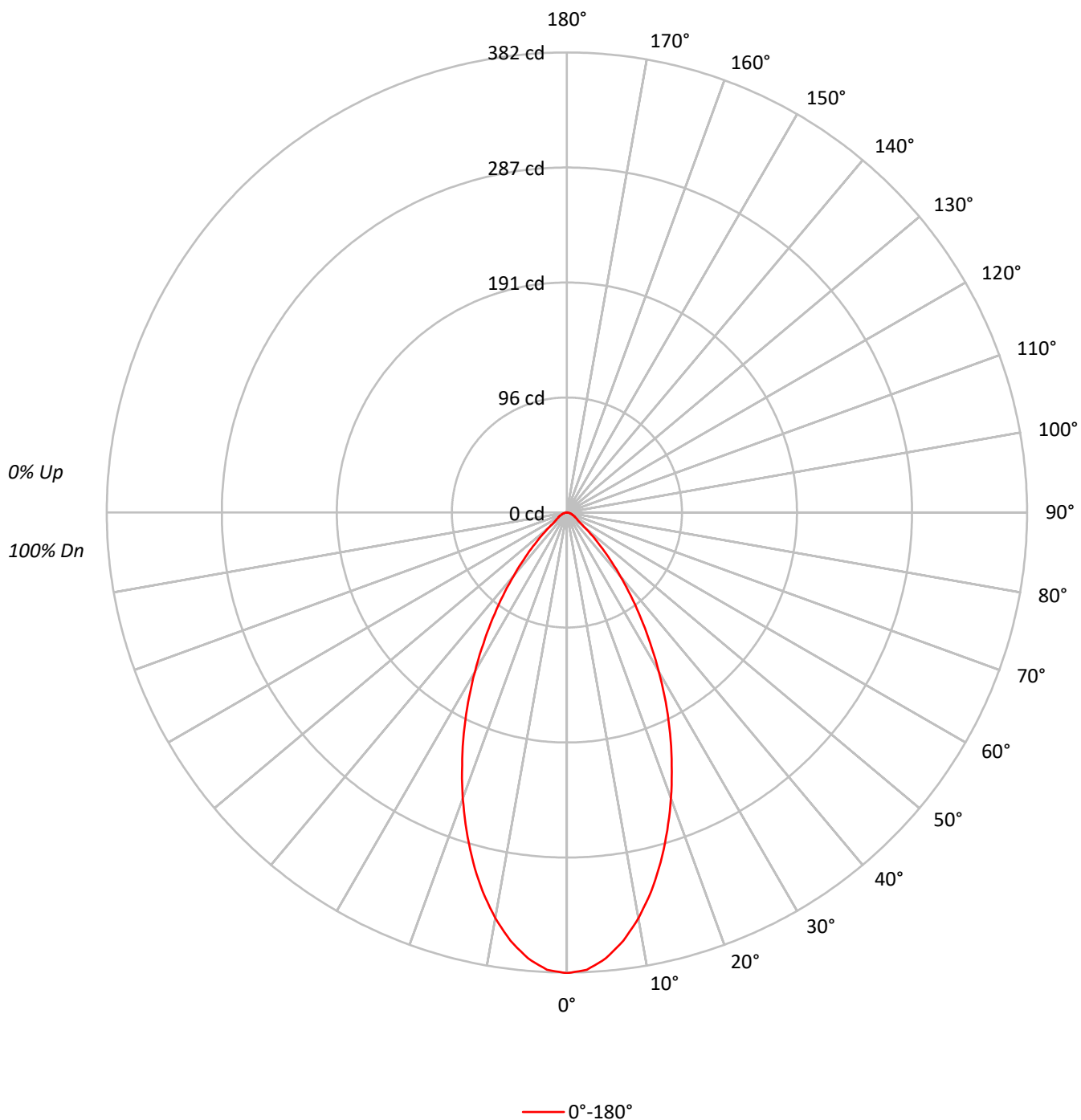
Lumens per Lamp: N/A
Luminaire Lumens: 330.0 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83875
5°	81796
10°	76173
15°	68264
20°	58945
25°	49043
30°	38664
35°	28670
40°	19751
45°	12249
50°	6652
55°	4167
60°	3552
65°	3217
70°	2757
75°	2457
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12249 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.5	10.5
10°-20°	83.6	25.3
20°-30°	92.4	28.0
30°-40°	67.1	20.3
40°-50°	31.4	9.5
50°-60°	10.6	3.2
60°-70°	6.1	1.9
70°-80°	3.2	1.0
80°-90°	1.0	0.3
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°	210.5	63.8
0°-40°	277.6	84.1
0°-60°	319.6	96.9
0°-90°	330.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	382	
5°	372	35
15°	301	84
25°	203	92
35°	107	67
45°	40	31
55°	11	11
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	382.5
2.5°	380.1
5°	371.6
7.5°	358.7
10°	342.1
12.5°	322.6
15°	300.7
17.5°	276.9
20°	252.6
22.5°	227.4
25°	202.7
27.5°	177.5
30°	152.7
32.5°	128.9
35°	107.1
37.5°	87.1
40°	69.0
42.5°	52.8
45°	39.5
47.5°	28.5
50°	19.5
52.5°	13.3
55°	10.9
57.5°	9.5
60°	8.1
62.5°	7.1
65°	6.2
67.5°	5.2
70°	4.3
72.5°	3.8
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.4
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)