

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: P1272161

Luminaire Tested: P3AS13R659827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272161
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: P3AS13R659827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

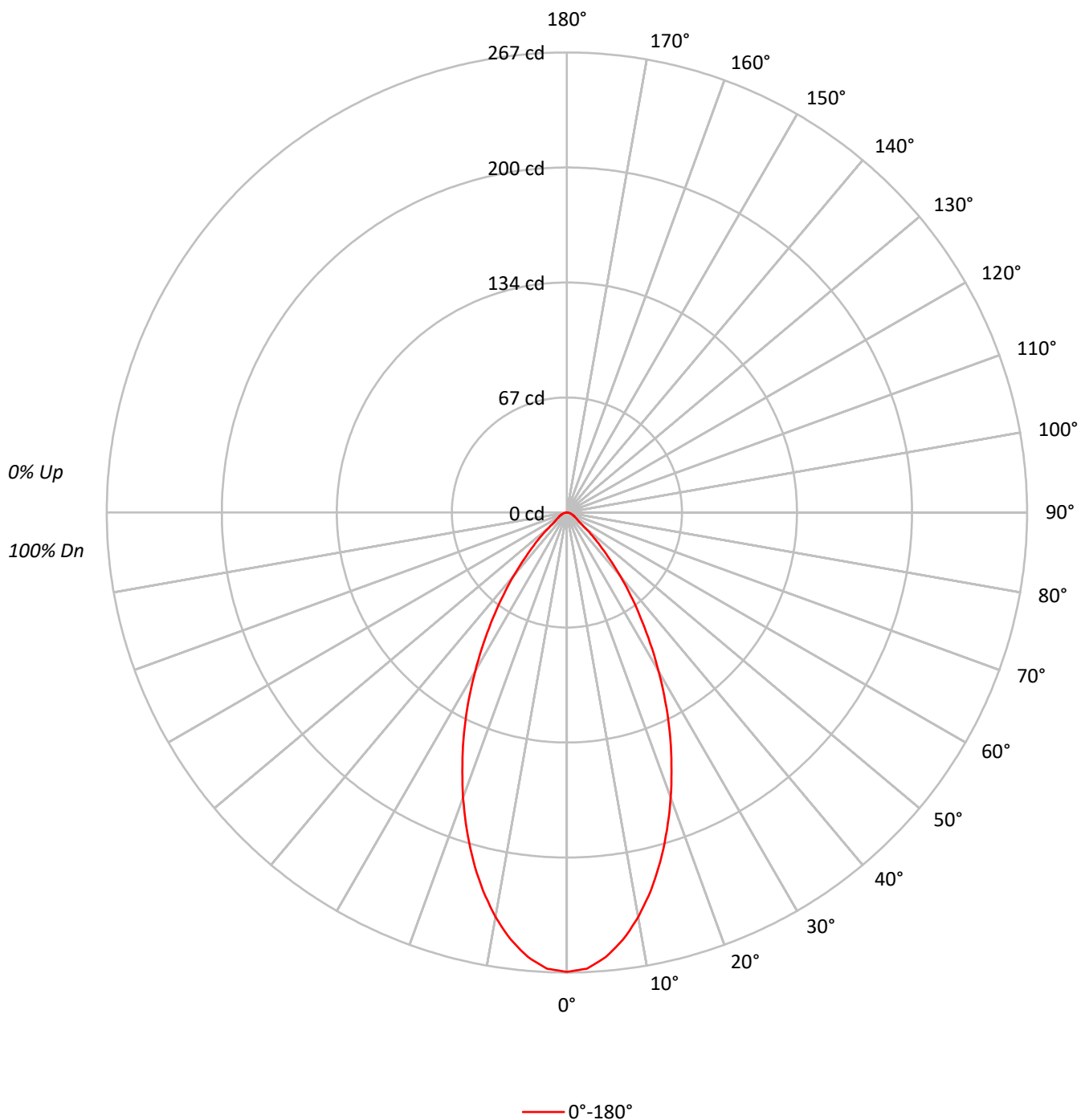
Lumens per Lamp: N/A
Luminaire Lumens: 230.0 lumens
Efficiency: N/A
Efficacy: 15.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	58460
5°	57011
10°	53083
15°	47583
20°	41094
25°	34187
30°	26941
35°	19970
40°	13769
45°	8528
50°	4640
55°	2906
60°	2456
65°	2231
70°	1923
75°	1694
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8528 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	10.5
10°-20°	58.2	25.3
20°-30°	64.4	28.0
30°-40°	46.8	20.3
40°-50°	21.9	9.5
50°-60°	7.4	3.2
60°-70°	4.3	1.8
70°-80°	2.3	1.0
80°-90°	0.7	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°	146.7	63.8
0°-40°	193.5	84.1
0°-60°	222.8	96.9
0°-90°	230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	230.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	267	
5°	259	24
15°	210	58
25°	141	64
35°	75	47
45°	28	22
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	266.6
2.5°	265.0
5°	259.0
7.5°	250.0
10°	238.4
12.5°	224.8
15°	209.6
17.5°	193.0
20°	176.1
22.5°	158.5
25°	141.3
27.5°	123.7
30°	106.4
32.5°	89.9
35°	74.6
37.5°	60.7
40°	48.1
42.5°	36.8
45°	27.5
47.5°	19.9
50°	13.6
52.5°	9.3
55°	7.6
57.5°	6.6
60°	5.6
62.5°	5.0
65°	4.3
67.5°	3.6
70°	3.0
72.5°	2.7
75°	2.0
77.5°	1.7
80°	1.3
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)