

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: P1247825

Luminaire Tested: P3A20R659024D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247825
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: P3A20R659024D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

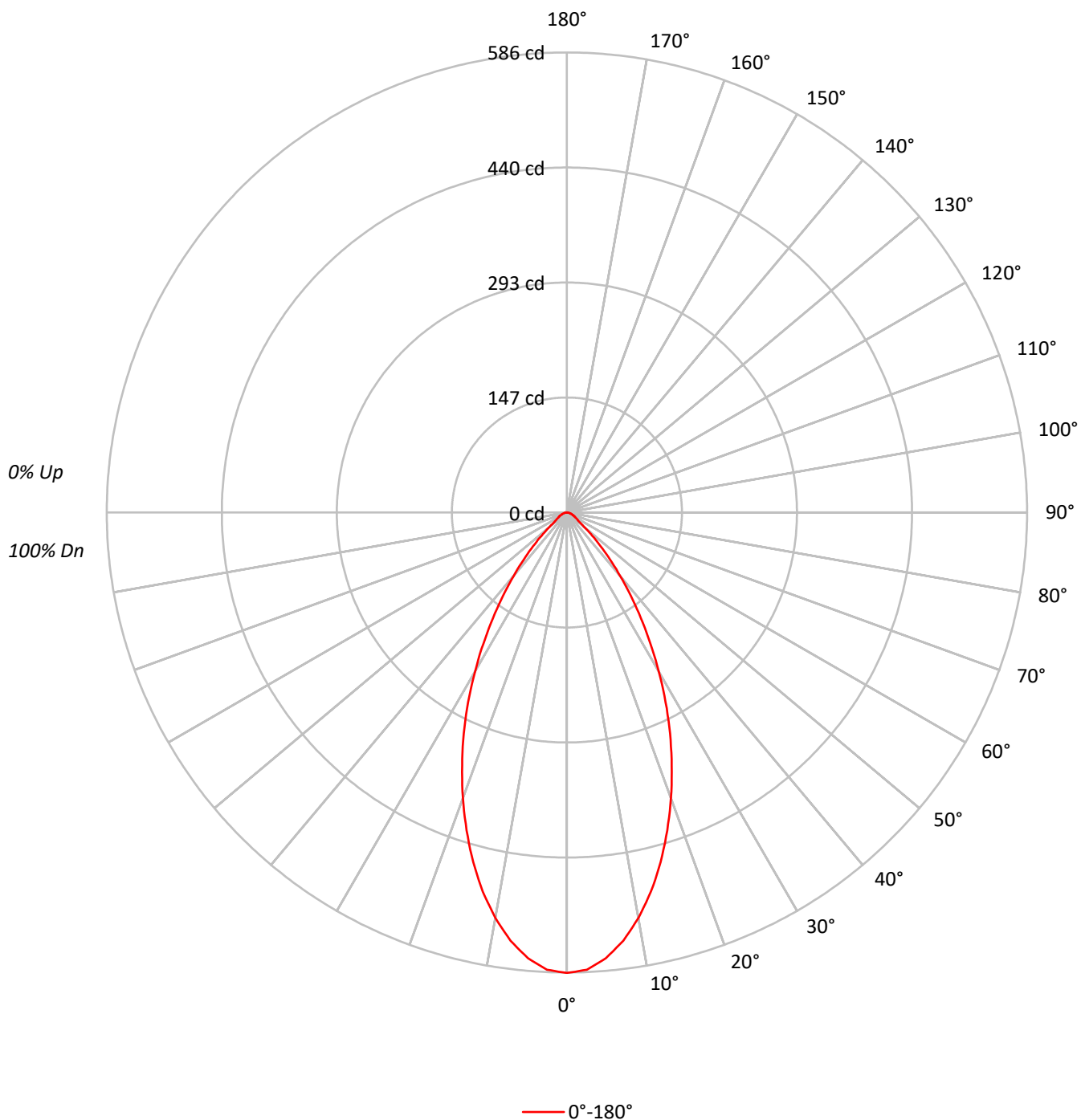
Lumens per Lamp: N/A
Luminaire Lumens: 506.0 lumens
Efficiency: N/A
Efficacy: 17.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	128608
5°	125423
10°	116787
15°	104677
20°	90401
25°	75198
30°	59300
35°	43928
40°	30285
45°	18793
50°	10200
55°	6423
60°	5438
65°	4929
70°	4231
75°	3728
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18793 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.9	10.5
10°-20°	128.1	25.3
20°-30°	141.7	28.0
30°-40°	102.9	20.3
40°-50°	48.2	9.5
50°-60°	16.2	3.2
60°-70°	9.4	1.9
70°-80°	4.9	1.0
80°-90°	1.6	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°	322.8	63.8
0°-40°	425.7	84.1
0°-60°	490.2	96.9
0°-90°	506.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	506.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	586	
5°	570	53
15°	461	128
25°	311	142
35°	164	103
45°	61	48
55°	17	16
65°	10	9
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	586.5
2.5°	582.9
5°	569.8
7.5°	550.1
10°	524.5
12.5°	494.6
15°	461.1
17.5°	424.6
20°	387.4
22.5°	348.7
25°	310.8
27.5°	272.1
30°	234.2
32.5°	197.7
35°	164.1
37.5°	133.5
40°	105.8
42.5°	81.0
45°	60.6
47.5°	43.8
50°	29.9
52.5°	20.4
55°	16.8
57.5°	14.6
60°	12.4
62.5°	10.9
65°	9.5
67.5°	8.0
70°	6.6
72.5°	5.8
75°	4.4
77.5°	3.6
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)