

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: P1247624

Luminaire Tested: P3A20R309024D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247624
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R309024D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

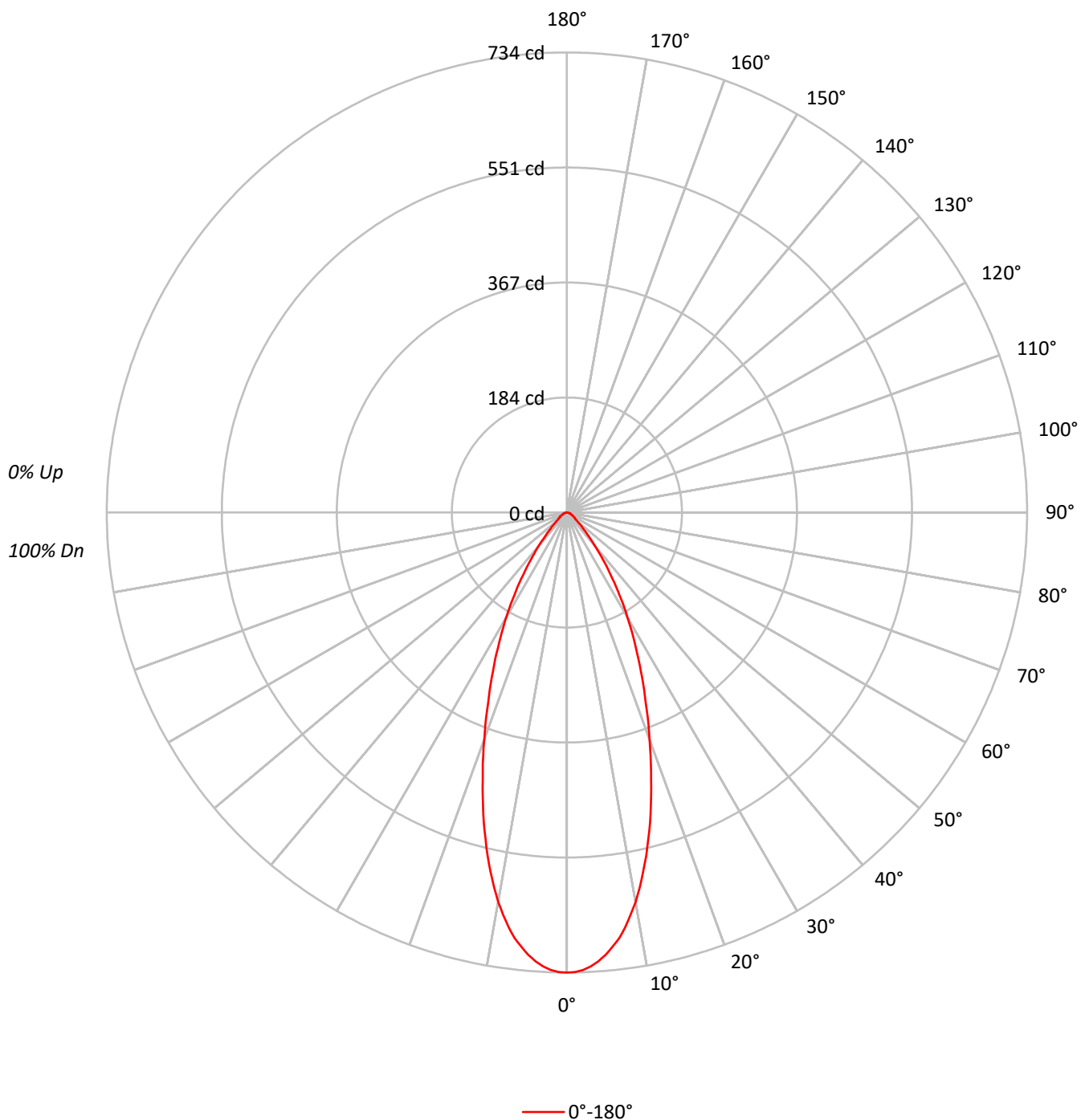
Lumens per Lamp: N/A
Luminaire Lumens: 471.0 lumens
Efficiency: N/A
Efficacy: 16.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1247624

CATALOG NUMBER: P3A20R309024D010 E3DLP1GPH

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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	160952
5°	155932
10°	140501
15°	116232
20°	89981
25°	67504
30°	48995
35°	32658
40°	20066
45°	11784
50°	7232
55°	5849
60°	5131
65°	4151
70°	3719
75°	3728
80°	2778
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11784 cd/sqm

TEST NUMBER: P1247624

CATALOG NUMBER: P3A20R309024D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.2	13.8
10°-20°	141.0	29.9
20°-30°	128.3	27.2
30°-40°	77.6	16.5
40°-50°	31.1	6.6
50°-60°	13.8	2.9
60°-70°	8.3	1.8
70°-80°	4.5	1.0
80°-90°	1.3	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°	334.5	71.0
0°-40°	412.0	87.5
0°-60°	456.9	97.0
0°-90°	471.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	471.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	734	
5°	708	65
15°	512	141
25°	279	128
35°	122	78
45°	38	31
55°	15	14
65°	8	8
75°	4	5
85°	2	1
90°	0	

TEST NUMBER: P1247624

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CANDELA DISTRIBUTION (FULL):

0°	
0°	734.0
1°	733.3
2°	730.3
3°	725.2
4°	717.9
5°	708.4
6°	696.7
7°	684.3
8°	668.3
9°	650.0
10°	631.0
11°	609.1
12°	585.7
13°	562.4
14°	536.8
15°	512.0
17.5°	447.0
20°	385.6
22.5°	328.7
25°	279.0
27.5°	233.7
30°	193.5
32.5°	156.3
35°	122.0
37.5°	93.5
40°	70.1
42.5°	51.1
45°	38.0
47.5°	28.5
50°	21.2
52.5°	16.8
55°	15.3
57.5°	13.1
60°	11.7
62.5°	9.5
65°	8.0
67.5°	7.3
70°	5.8
72.5°	5.1
75°	4.4
77.5°	3.7
80°	2.2
82.5°	1.5
85°	1.5
87.5°	0.7



TEST NUMBER: P1247624

CATALOG NUMBER: P3A20R309024D010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)