

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: P1270725

Luminaire Tested: P3A20R609740D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270725
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609740D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

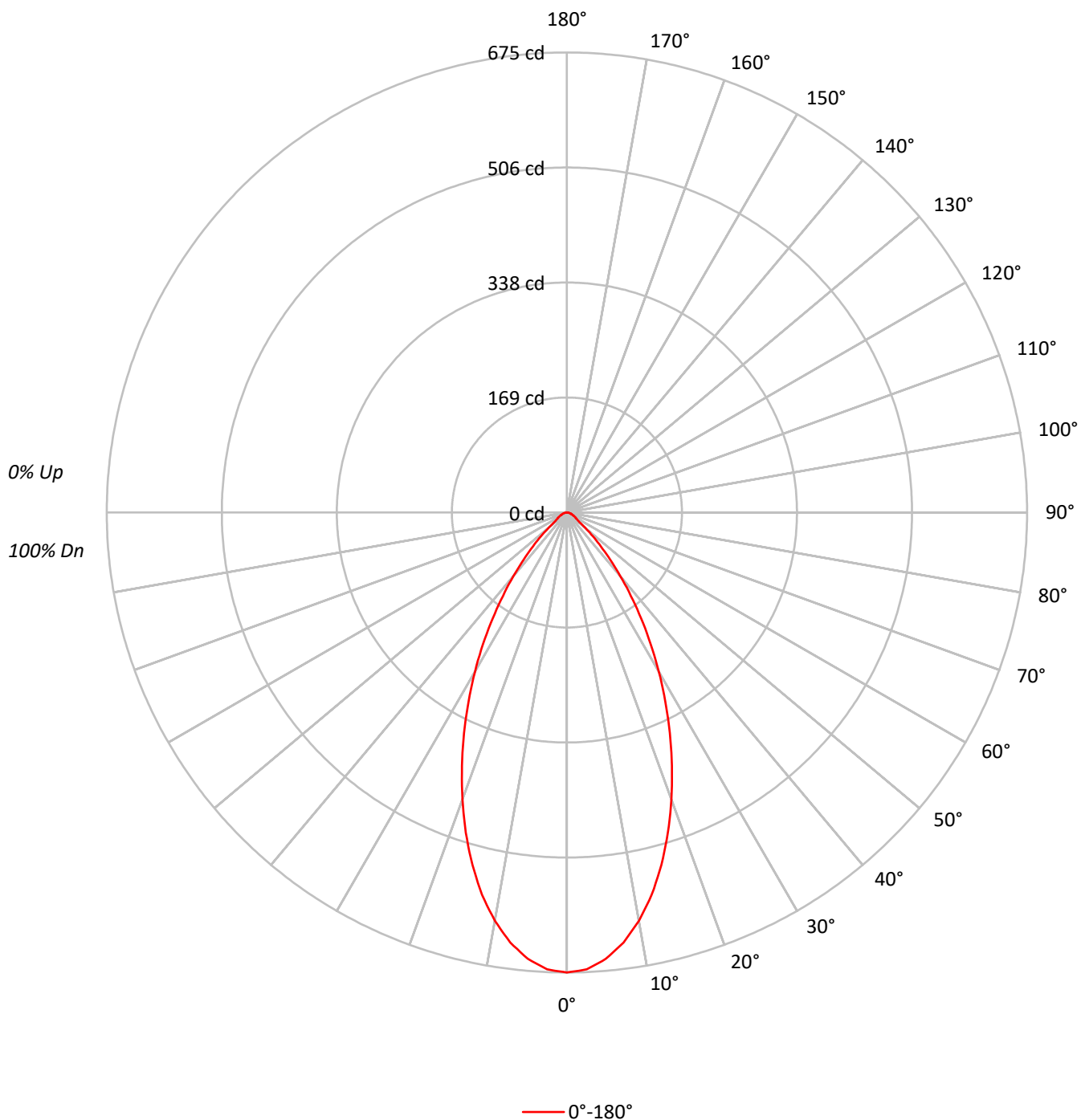
Lumens per Lamp: N/A
Luminaire Lumens: 584.0 lumens
Efficiency: N/A
Efficacy: 20.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	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	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148014
5°	144684
10°	135446
15°	121522
20°	104496
25°	86400
30°	68289
35°	50701
40°	34923
45°	21894
50°	12042
55°	7073
60°	6315
65°	5396
70°	4616
75°	4745
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21894 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	10.5
10°-20°	148.7	25.5
20°-30°	163.1	27.9
30°-40°	118.8	20.3
40°-50°	56.1	9.6
50°-60°	18.4	3.2
60°-70°	10.4	1.8
70°-80°	5.6	1.0
80°-90°	1.7	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°	372.9	63.9
0°-40°	491.7	84.2
0°-60°	566.3	97.0
0°-90°	584.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	584.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	675	
5°	657	61
15°	535	149
25°	357	163
35°	189	119
45°	71	56
55°	18	18
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	675.0
2.5°	670.9
5°	657.3
7.5°	636.4
10°	608.3
12.5°	574.6
15°	535.3
17.5°	492.8
20°	447.8
22.5°	402.1
25°	357.1
27.5°	312.2
30°	269.7
32.5°	228.7
35°	189.4
37.5°	154.1
40°	122.0
42.5°	93.9
45°	70.6
47.5°	51.4
50°	35.3
52.5°	23.3
55°	18.5
57.5°	16.1
60°	14.4
62.5°	12.0
65°	10.4
67.5°	8.8
70°	7.2
72.5°	6.4
75°	5.6
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)