

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: P1270574

Luminaire Tested: P3A20R359740D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270574
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359740D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

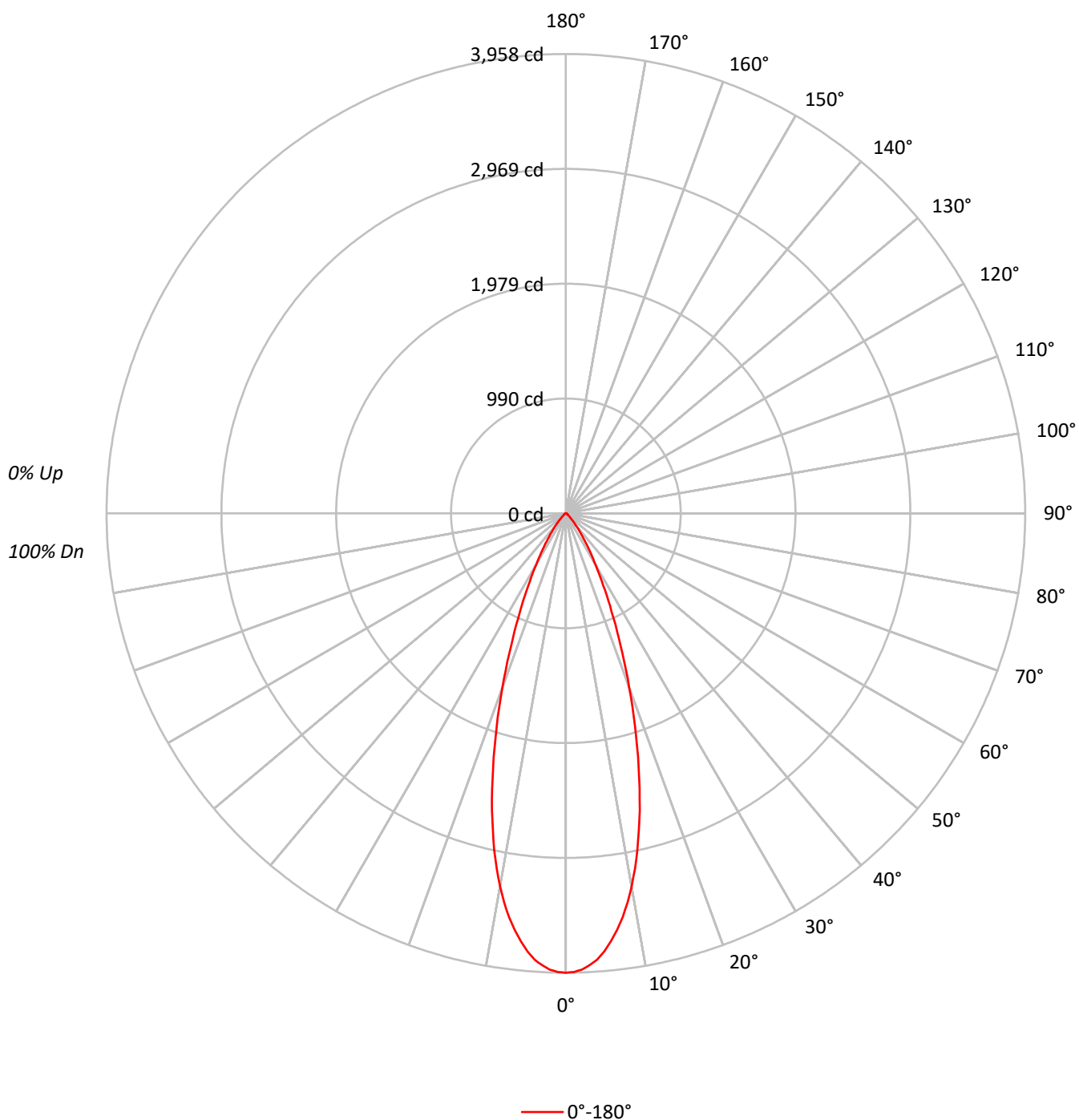
Lumens per Lamp: N/A
Luminaire Lumens: 1720.9 lumens
Efficiency: N/A
Efficacy: 59.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	868001
5°	834204
10°	726840
15°	556711
20°	372456
25°	225376
30°	129336
35°	72304
40°	38415
45°	19785
50°	9484
55°	7493
60°	7192
65°	5967
70°	6283
75°	5507
80°	6188
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19785 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	344.8	20.0
10°-20°	668.2	38.8
20°-30°	437.5	25.4
30°-40°	177.5	10.3
40°-50°	53.2	3.1
50°-60°	18.1	1.1
60°-70°	12.1	0.7
70°-80°	7.1	0.4
80°-90°	2.4	0.1
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°	1450.5	84.3
0°-40°	1627.9	94.6
0°-60°	1699.3	98.7
0°-90°	1720.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1720.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3958	
5°	3790	345
15°	2452	668
25°	932	437
35°	270	177
45°	64	53
55°	20	18
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3958.4
1°	3951.8
2°	3933.8
3°	3897.8
4°	3855.3
5°	3789.8
6°	3707.9
7°	3616.2
8°	3513.1
9°	3395.2
10°	3264.3
11°	3118.6
12°	2966.3
13°	2796.1
14°	2634.0
15°	2452.3
17.5°	2011.9
20°	1596.1
22.5°	1227.8
25°	931.5
27.5°	694.1
30°	510.8
32.5°	374.9
35°	270.1
37.5°	191.5
40°	134.2
42.5°	93.3
45°	63.8
47.5°	42.6
50°	27.8
52.5°	21.3
55°	19.6
57.5°	18.0
60°	16.4
62.5°	14.7
65°	11.5
67.5°	9.8
70°	9.8
72.5°	8.2
75°	6.5
77.5°	4.9
80°	4.9
82.5°	3.3
85°	1.6
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)