

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: P1270707

Luminaire Tested: P3A20R609740D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270707
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609740D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

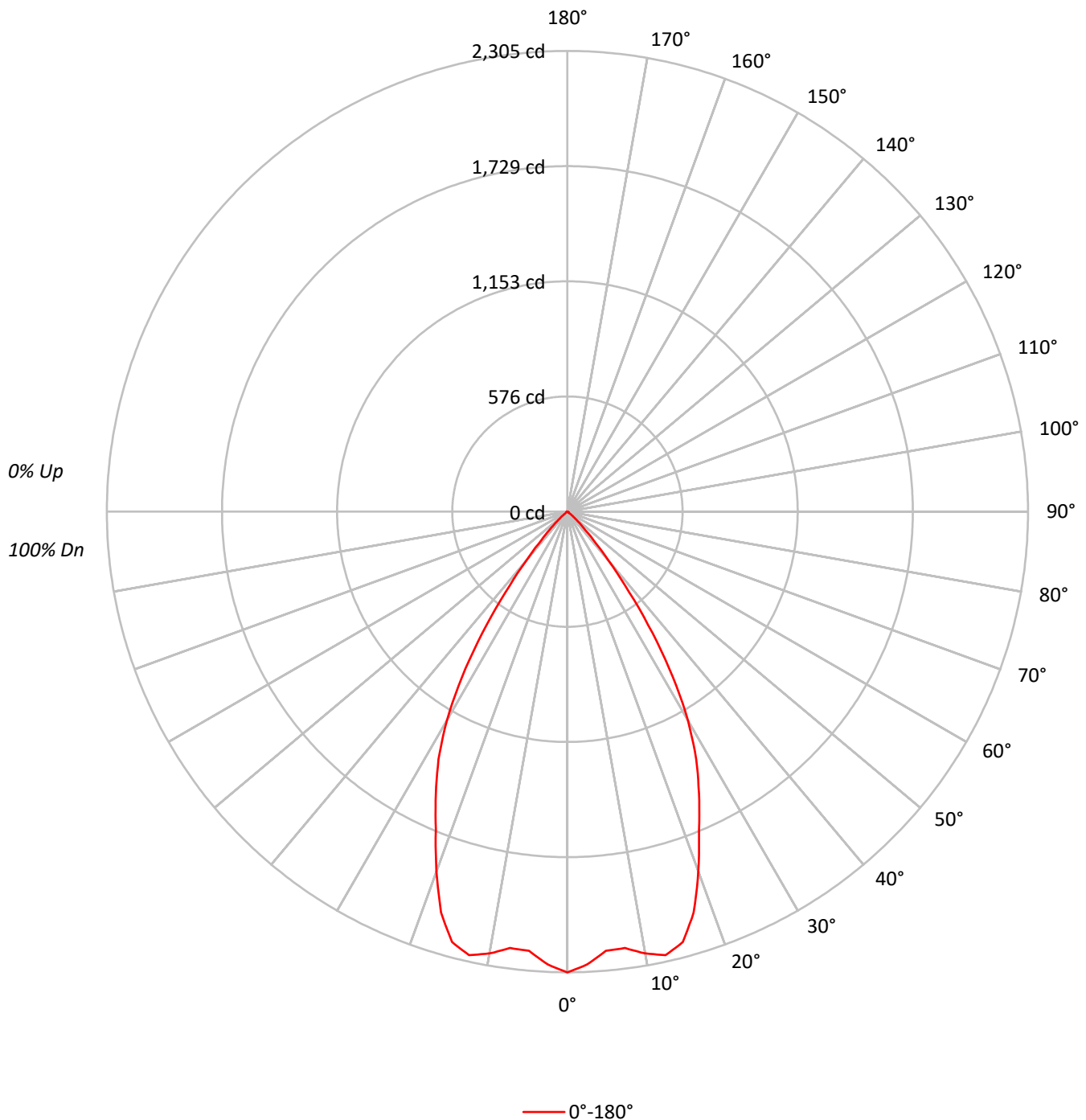
Lumens per Lamp: N/A
Luminaire Lumens: 2117.0 lumens
Efficiency: N/A
Efficacy: 73.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	505530
5°	485471
10°	499835
15°	506269
20°	447036
25°	376739
30°	305541
35°	199002
40°	91400
45°	35042
50°	11735
55°	3135
60°	2851
65°	2542
70°	2116
75°	2796
80°	2020
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35042 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.3	10.0
10°-20°	610.7	28.8
20°-30°	712.3	33.6
30°-40°	459.7	21.7
40°-50°	103.0	4.9
50°-60°	10.3	0.5
60°-70°	4.9	0.2
70°-80°	2.8	0.1
80°-90°	1.1	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°	1535.3	72.5
0°-40°	1994.9	94.2
0°-60°	2108.2	99.6
0°-90°	2117.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2117.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2305	
5°	2206	212
15°	2230	611
25°	1557	712
35°	743	460
45°	113	103
55°	8	10
65°	5	5
75°	3	3
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2305.4
2.5°	2267.7
5°	2205.5
7.5°	2202.2
10°	2244.8
12.5°	2272.6
15°	2230.1
17.5°	2102.4
20°	1915.7
22.5°	1720.9
25°	1557.1
27.5°	1396.7
30°	1206.7
32.5°	984.0
35°	743.4
37.5°	507.6
40°	319.3
42.5°	191.6
45°	113.0
47.5°	65.5
50°	34.4
52.5°	11.5
55°	8.2
57.5°	6.5
60°	6.5
62.5°	4.9
65°	4.9
67.5°	4.9
70°	3.3
72.5°	3.3
75°	3.3
77.5°	1.6
80°	1.6
82.5°	1.6
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)