

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: P1263570

Luminaire Tested: P3A20R609727D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263570
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: P3A20R609727D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

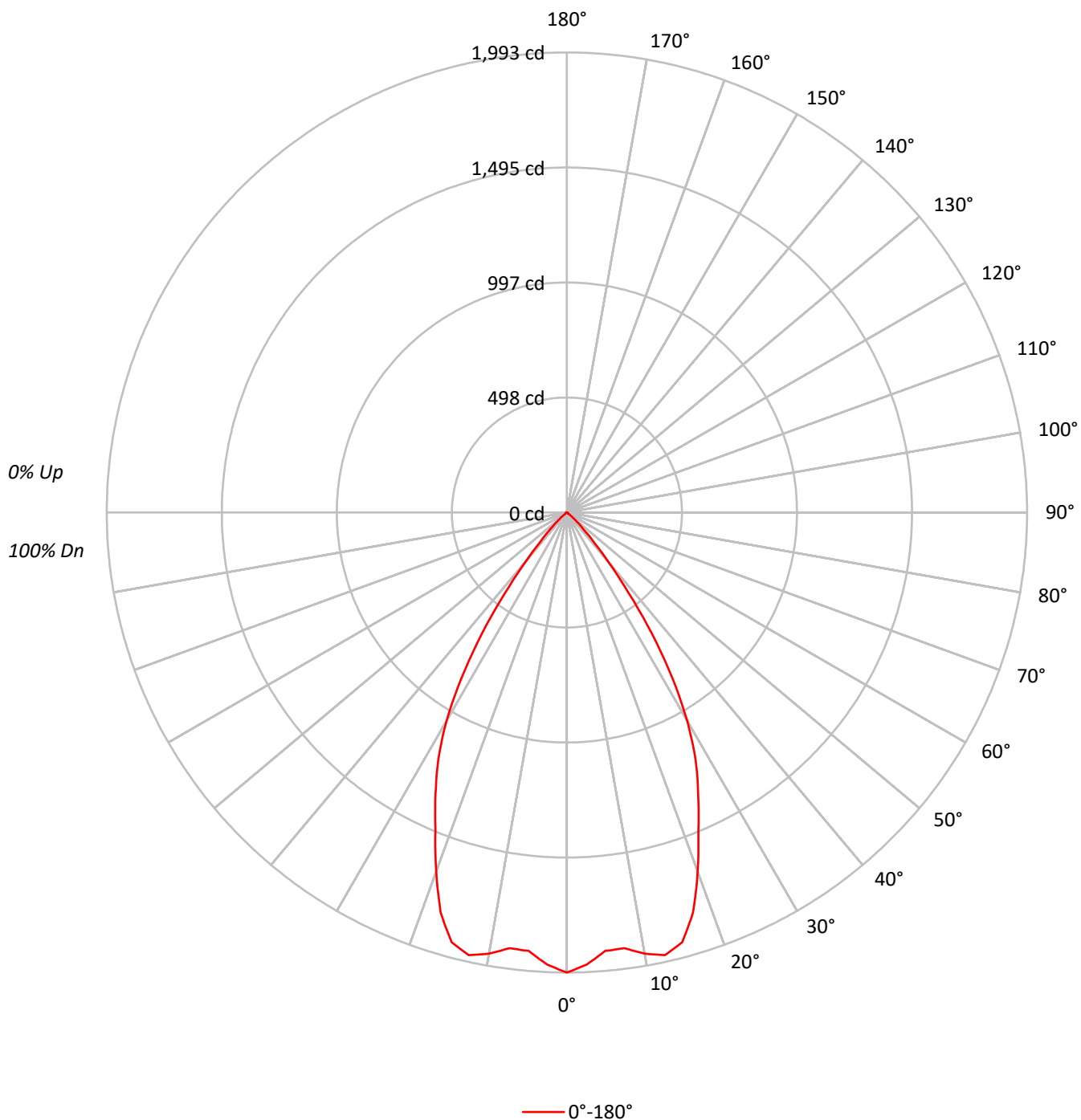
Lumens per Lamp: N/A
Luminaire Lumens: 1829.9 lumens
Efficiency: N/A
Efficacy: 63.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1263570

CATALOG NUMBER: P3A20R609727D010 E3CD1MW

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°	437004
5°	419656
10°	432078
15°	437619
20°	386434
25°	325664
30°	264117
35°	172019
40°	79005
45°	30298
50°	10132
55°	2714
60°	2500
65°	2179
70°	1795
75°	2372
80°	1768
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30298 cd/sqm

TEST NUMBER: P1263570

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.5	10.0
10°-20°	527.9	28.8
20°-30°	615.7	33.6
30°-40°	397.3	21.7
40°-50°	89.0	4.9
50°-60°	8.9	0.5
60°-70°	4.2	0.2
70°-80°	2.4	0.1
80°-90°	1.0	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°	1327.1	72.5
0°-40°	1724.5	94.2
0°-60°	1822.4	99.6
0°-90°	1829.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1829.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1993	
5°	1906	183
15°	1928	528
25°	1346	616
35°	643	397
45°	98	89
55°	7	9
65°	4	4
75°	3	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1992.9
2.5°	1960.3
5°	1906.5
7.5°	1903.7
10°	1940.5
12.5°	1964.5
15°	1927.7
17.5°	1817.3
20°	1656.0
22.5°	1487.6
25°	1346.0
27.5°	1207.3
30°	1043.1
32.5°	850.6
35°	642.6
37.5°	438.8
40°	276.0
42.5°	165.6
45°	97.7
47.5°	56.6
50°	29.7
52.5°	9.9
55°	7.1
57.5°	5.7
60°	5.7
62.5°	4.2
65°	4.2
67.5°	4.2
70°	2.8
72.5°	2.8
75°	2.8
77.5°	1.4
80°	1.4
82.5°	1.4
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)