

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: P1270718

Luminaire Tested: P3A20R609740D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270718
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609740D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

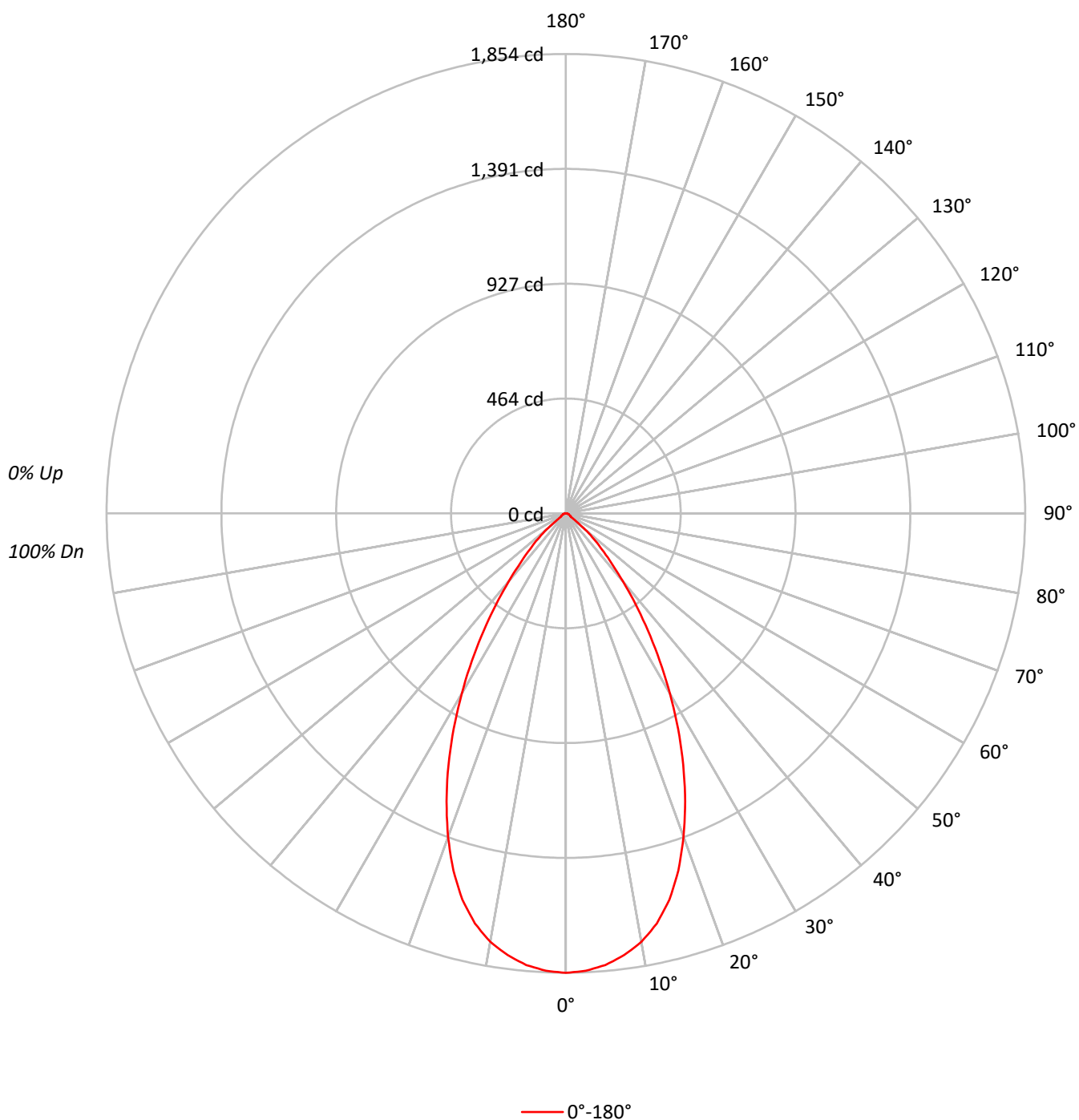
Lumens per Lamp: N/A
Luminaire Lumens: 1722.0 lumens
Efficiency: N/A
Efficacy: 59.8 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270718

CATALOG NUMBER: P3A20R609740D010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1270718

CATALOG NUMBER: P3A20R609740D010 E3DL1WMH

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	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	406612
5°	402772
10°	391019
15°	366336
20°	324245
25°	271250
30°	212590
35°	154218
40°	102592
45°	63945
50°	34626
55°	10016
60°	9341
65°	8509
70°	8399
75°	8303
80°	8208
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 63945 cd/sqm

TEST NUMBER: P1270718

CATALOG NUMBER: P3A20R609740D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.3	10.0
10°-20°	447.7	26.0
20°-30°	510.3	29.6
30°-40°	361.9	21.0
40°-50°	164.2	9.5
50°-60°	34.8	2.0
60°-70°	16.8	1.0
70°-80°	10.4	0.6
80°-90°	3.6	0.2
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°	1130.3	65.6
0°-40°	1492.2	86.7
0°-60°	1691.3	98.2
0°-90°	1722.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1722.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1854	
5°	1830	172
15°	1614	448
25°	1121	510
35°	576	362
45°	206	164
55°	26	35
65°	16	17
75°	10	10
85°	3	4
90°	0	

TEST NUMBER: P1270718

CATALOG NUMBER: P3A20R609740D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1854.3
2.5°	1847.8
5°	1829.8
7.5°	1798.7
10°	1756.1
12.5°	1695.6
15°	1613.7
17.5°	1510.6
20°	1389.5
22.5°	1258.6
25°	1121.1
27.5°	980.4
30°	839.6
32.5°	705.4
35°	576.1
37.5°	461.5
40°	358.4
42.5°	271.7
45°	206.2
47.5°	153.8
50°	101.5
52.5°	47.5
55°	26.2
57.5°	22.9
60°	21.3
62.5°	19.6
65°	16.4
67.5°	14.7
70°	13.1
72.5°	11.5
75°	9.8
77.5°	8.2
80°	6.5
82.5°	4.9
85°	3.3
87.5°	1.6
90°	0.0

(END OF REPORT)