

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: P1270586

Luminaire Tested: P3A20R359740D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270586
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359740D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

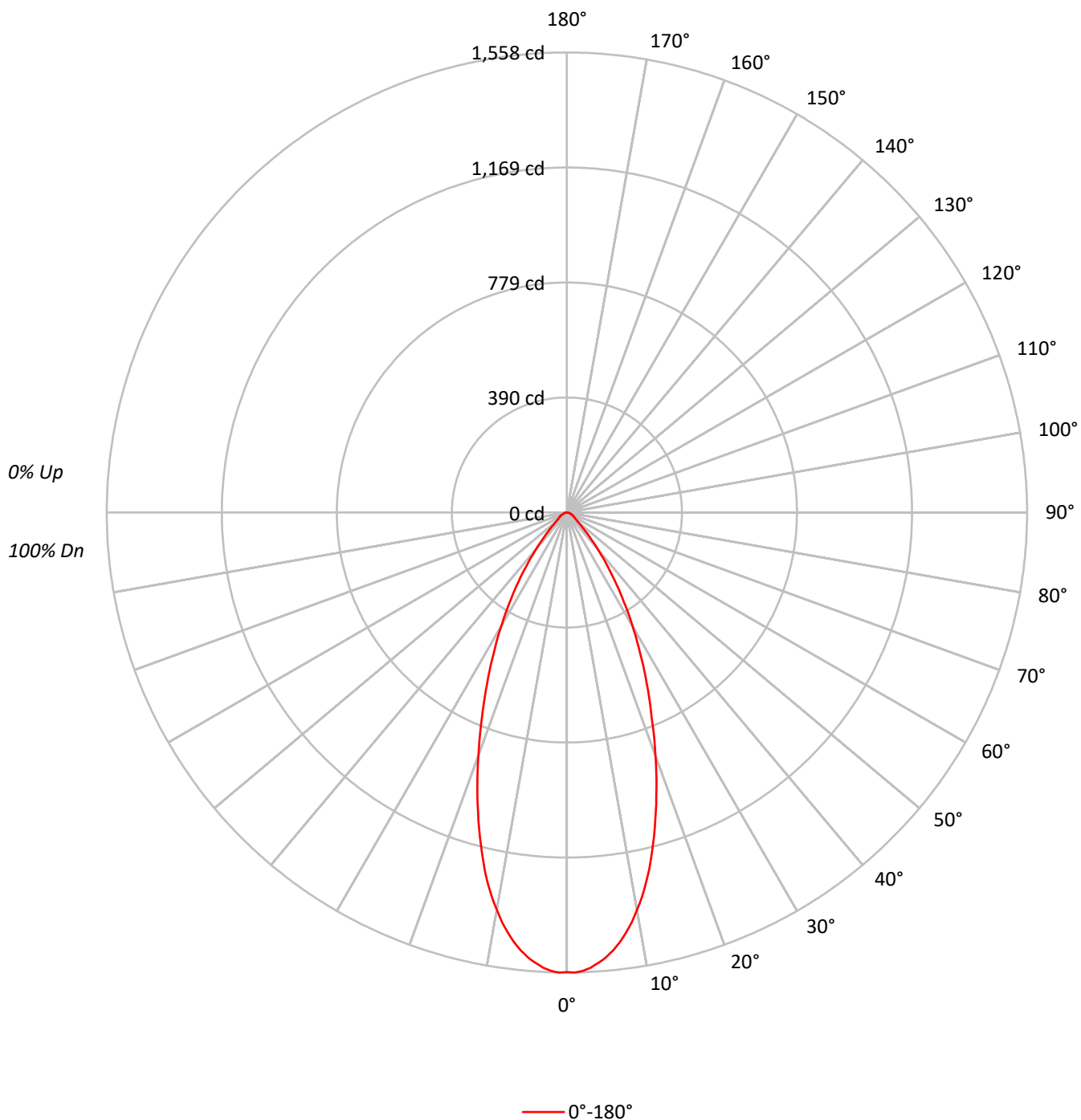
Lumens per Lamp: N/A
Luminaire Lumens: 1062.0 lumens
Efficiency: N/A
Efficacy: 36.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270586

CATALOG NUMBER: P3A20R359740D010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1270586

CATALOG NUMBER: P3A20R359740D010 E3DLP1WMH

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	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	341354
5°	332951
10°	304381
15°	258367
20°	204534
25°	154702
30°	112625
35°	76158
40°	46802
45°	26887
50°	16170
55°	13113
60°	11490
65°	10170
70°	8399
75°	8303
80°	8208
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26887 cd/sqm

TEST NUMBER: P1270586

CATALOG NUMBER: P3A20R359740D010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.8	13.2
10°-20°	313.8	29.5
20°-30°	293.5	27.6
30°-40°	179.6	16.9
40°-50°	70.8	6.7
50°-60°	31.2	2.9
60°-70°	19.4	1.8
70°-80°	10.3	1.0
80°-90°	3.6	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°	747.1	70.3
0°-40°	926.7	87.3
0°-60°	1028.7	96.9
0°-90°	1062.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1062.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1557	
5°	1513	140
15°	1138	314
25°	639	294
35°	284	180
45°	87	71
55°	34	31
65°	20	19
75°	10	10
85°	3	4
90°	0	

TEST NUMBER: P1270586

CATALOG NUMBER: P3A20R359740D010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1556.7
1°	1558.3
2°	1553.4
3°	1543.6
4°	1528.9
5°	1512.6
6°	1491.3
7°	1466.8
8°	1437.3
9°	1404.6
10°	1367.0
11°	1327.8
12°	1285.3
13°	1239.5
14°	1188.8
15°	1138.1
17.5°	1007.3
20°	876.5
22.5°	750.6
25°	639.4
27.5°	536.3
30°	444.8
32.5°	359.7
35°	284.5
37.5°	217.5
40°	163.5
42.5°	117.7
45°	86.7
47.5°	62.1
50°	47.4
52.5°	39.2
55°	34.3
57.5°	29.4
60°	26.2
62.5°	22.9
65°	19.6
67.5°	16.4
70°	13.1
72.5°	11.4
75°	9.8
77.5°	8.2
80°	6.5
82.5°	4.9
85°	3.3
87.5°	1.6



TEST NUMBER: P1270586
CATALOG NUMBER: P3A20R359740D010 E3DLP1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)