

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: P1265814

Luminaire Tested: P3A20R359730D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265814
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: P3A20R359730D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

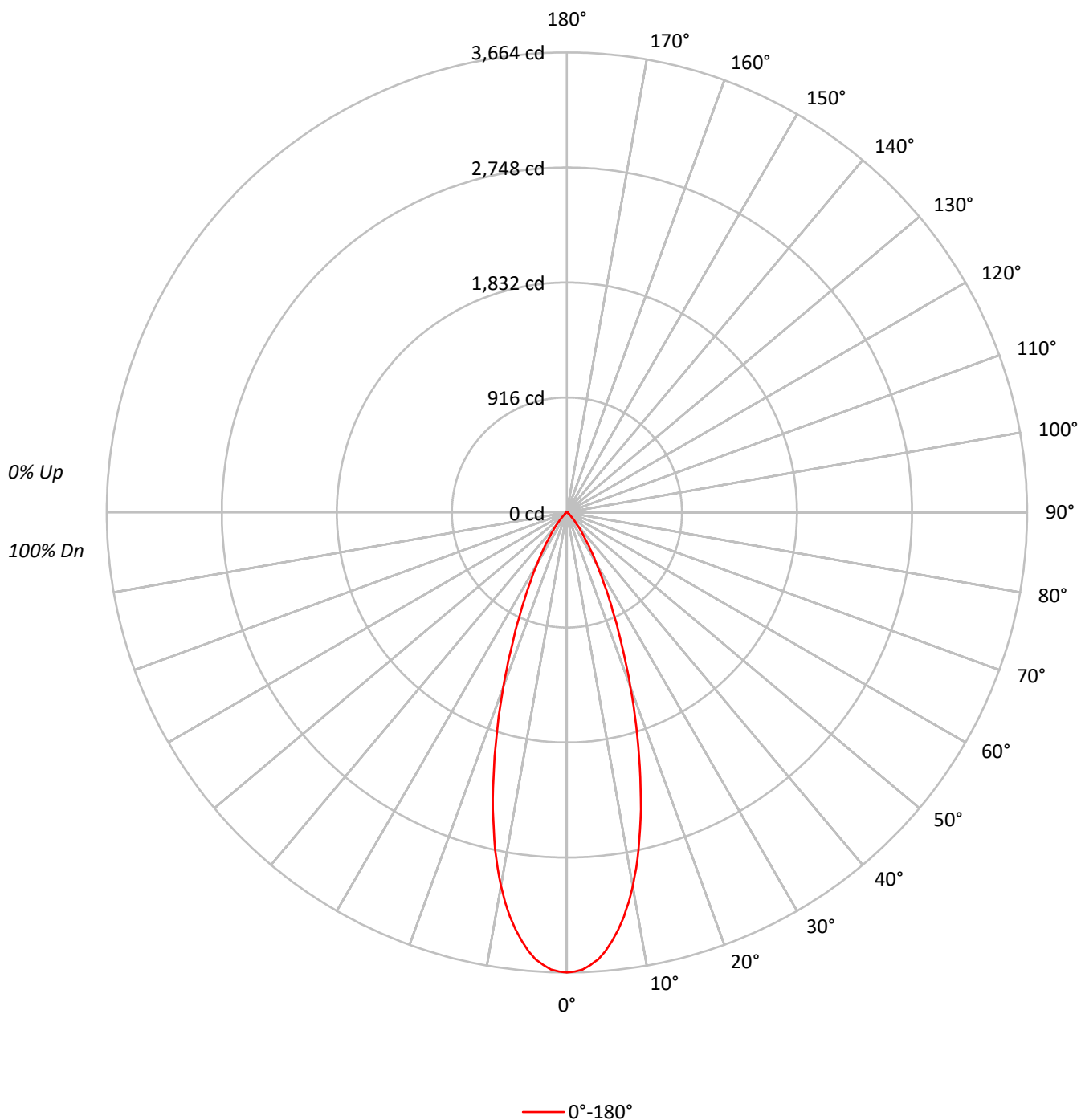
Lumens per Lamp: N/A
Luminaire Lumens: 1593.0 lumens
Efficiency: N/A
Efficacy: 55.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1265814

CATALOG NUMBER: P3A20R359730D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1265814

CATALOG NUMBER: P3A20R359730D010 E3DL1MW

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	68	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°	803444
5°	772153
10°	672778
15°	515304
20°	344757
25°	208609
30°	119715
35°	66923
40°	35581
45°	18327
50°	8801
55°	6958
60°	6666
65°	5500
70°	5834
75°	5168
80°	5683
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18327 cd/sqm

TEST NUMBER: P1265814

CATALOG NUMBER: P3A20R359730D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	319.2	20.0
10°-20°	618.5	38.8
20°-30°	404.9	25.4
30°-40°	164.3	10.3
40°-50°	49.3	3.1
50°-60°	16.8	1.1
60°-70°	11.2	0.7
70°-80°	6.6	0.4
80°-90°	2.2	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°	1342.6	84.3
0°-40°	1506.9	94.6
0°-60°	1572.9	98.7
0°-90°	1593.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1593.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3664	
5°	3508	319
15°	2270	619
25°	862	405
35°	250	164
45°	59	49
55°	18	17
65°	11	11
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1265814

CATALOG NUMBER: P3A20R359730D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3664.0
1°	3657.9
2°	3641.3
3°	3607.9
4°	3568.5
5°	3507.9
6°	3432.1
7°	3347.3
8°	3251.8
9°	3142.7
10°	3021.5
11°	2886.6
12°	2745.7
13°	2588.1
14°	2438.1
15°	2269.9
17.5°	1862.3
20°	1477.4
22.5°	1136.5
25°	862.2
27.5°	642.5
30°	472.8
32.5°	347.0
35°	250.0
37.5°	177.3
40°	124.3
42.5°	86.4
45°	59.1
47.5°	39.4
50°	25.8
52.5°	19.7
55°	18.2
57.5°	16.7
60°	15.2
62.5°	13.6
65°	10.6
67.5°	9.1
70°	9.1
72.5°	7.6
75°	6.1
77.5°	4.5
80°	4.5
82.5°	3.0
85°	1.5
87.5°	1.5



TEST NUMBER: P1265814
CATALOG NUMBER: P3A20R359730D010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)