

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: P1265826

Luminaire Tested: P3A20R359730D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265826
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: P3A20R359730D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

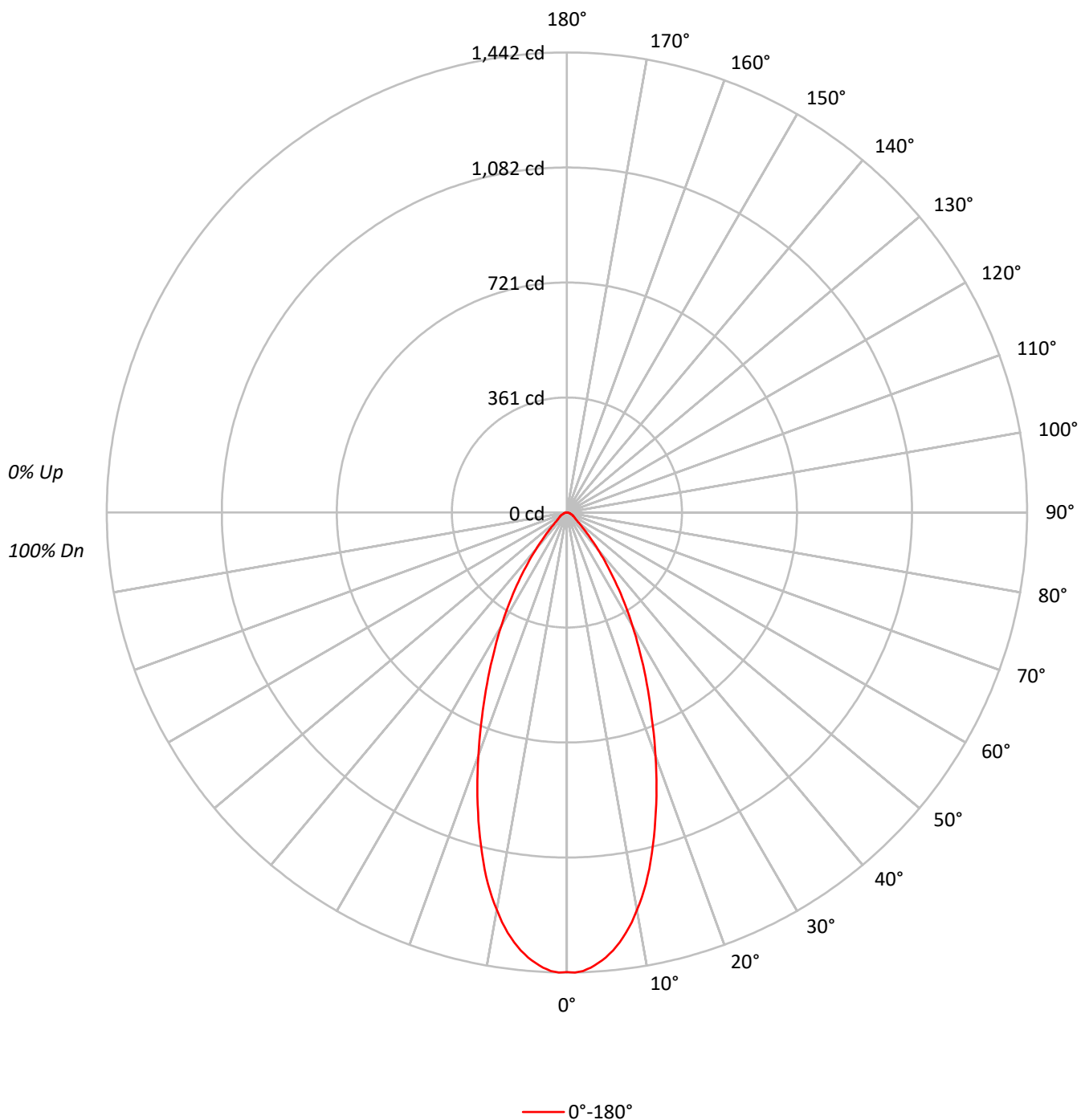
Lumens per Lamp: N/A
Luminaire Lumens: 983.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265826

CATALOG NUMBER: P3A20R359730D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1265826

CATALOG NUMBER: P3A20R359730D010 E3DLP1MW

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°	315962
5°	308166
10°	281736
15°	239139
20°	189320
25°	143186
30°	104244
35°	70510
40°	43338
45°	24871
50°	14976
55°	12157
60°	10613
65°	9443
70°	7758
75°	7710
80°	7703
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24871 cd/sqm

TEST NUMBER: P1265826

CATALOG NUMBER: P3A20R359730D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.4	13.2
10°-20°	290.4	29.5
20°-30°	271.7	27.6
30°-40°	166.3	16.9
40°-50°	65.6	6.7
50°-60°	28.8	2.9
60°-70°	18.0	1.8
70°-80°	9.6	1.0
80°-90°	3.3	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°	691.5	70.3
0°-40°	857.8	87.3
0°-60°	952.2	96.9
0°-90°	983.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	983.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1441	
5°	1400	129
15°	1053	290
25°	592	272
35°	263	166
45°	80	66
55°	32	29
65°	18	18
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1265826

CATALOG NUMBER: P3A20R359730D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1440.9
1°	1442.4
2°	1437.9
3°	1428.8
4°	1415.2
5°	1400.0
6°	1380.4
7°	1357.7
8°	1330.4
9°	1300.1
10°	1265.3
11°	1229.0
12°	1189.7
13°	1147.3
14°	1100.4
15°	1053.4
17.5°	932.4
20°	811.3
22.5°	694.7
25°	591.8
27.5°	496.4
30°	411.7
32.5°	333.0
35°	263.4
37.5°	201.3
40°	151.4
42.5°	109.0
45°	80.2
47.5°	57.5
50°	43.9
52.5°	36.3
55°	31.8
57.5°	27.2
60°	24.2
62.5°	21.2
65°	18.2
67.5°	15.1
70°	12.1
72.5°	10.6
75°	9.1
77.5°	7.6
80°	6.1
82.5°	4.5
85°	3.0
87.5°	1.5



TEST NUMBER: P1265826

CATALOG NUMBER: P3A20R359730D010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)