

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: P1247646

Luminaire Tested: P3A20R359024D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247646
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359024D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

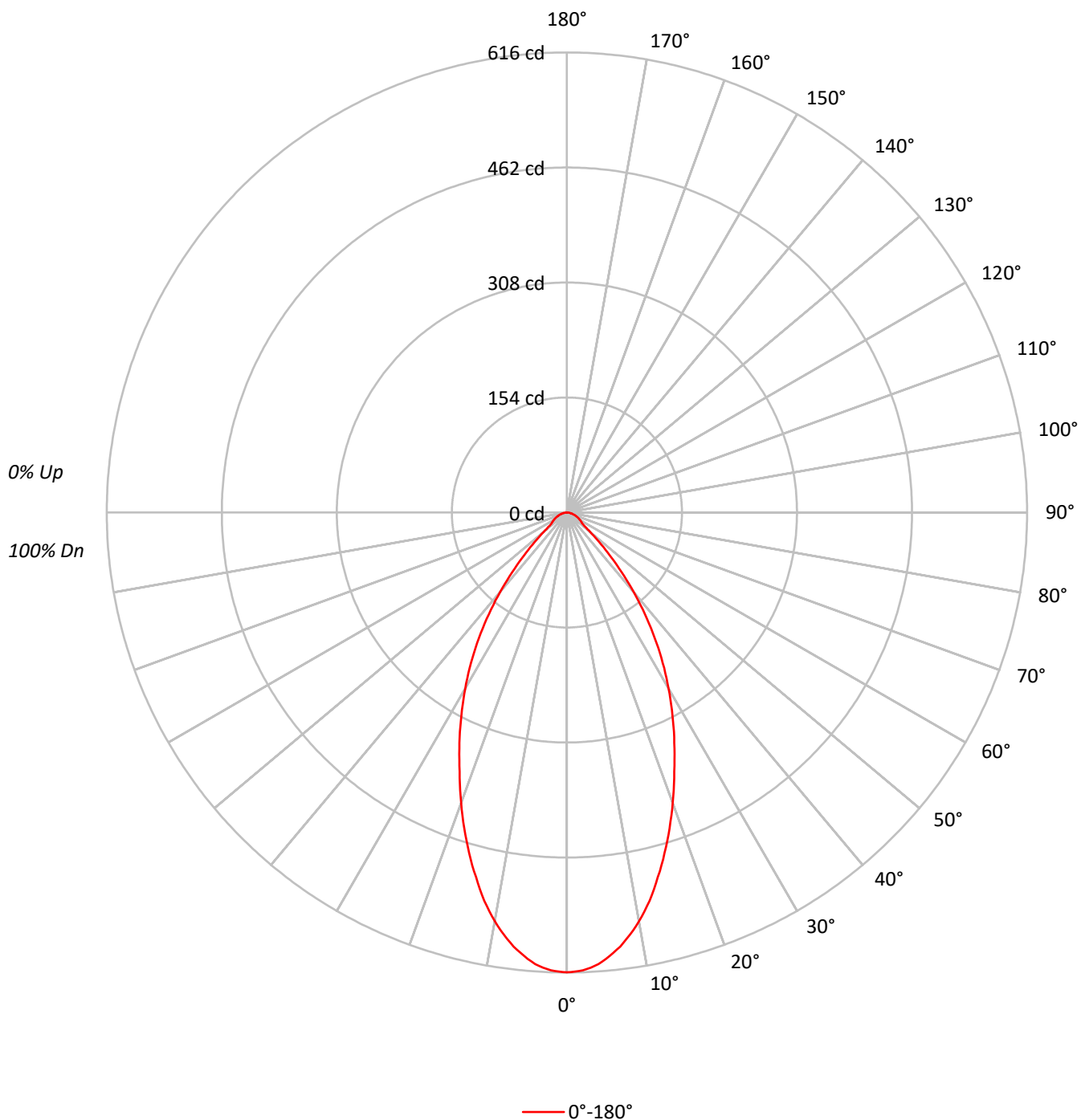
Lumens per Lamp: N/A
Luminaire Lumens: 591.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247646

CATALOG NUMBER: P3A20R359024D010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1247646

CATALOG NUMBER: P3A20R359024D010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135011
5°	132137
10°	123756
15°	111079
20°	96632
25°	82335
30°	68973
35°	54930
40°	39732
45°	25150
50°	13714
55°	9481
60°	8947
65°	8354
70°	7950
75°	6778
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25150 cd/sqm

TEST NUMBER: P1247646

CATALOG NUMBER: P3A20R359024D010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	9.5
10°-20°	136.2	23.0
20°-30°	156.0	26.4
30°-40°	127.3	21.5
40°-50°	64.2	10.9
50°-60°	23.8	4.0
60°-70°	16.0	2.7
70°-80°	8.8	1.5
80°-90°	2.7	0.5
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°	348.1	58.9
0°-40°	475.4	80.4
0°-60°	563.5	95.3
0°-90°	591.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	591.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	616	
5°	600	56
15°	489	136
25°	340	156
35°	205	127
45°	81	64
55°	25	24
65°	16	16
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1247646

CATALOG NUMBER: P3A20R359024D010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	615.7
1°	614.9
2°	613.5
3°	610.5
4°	606.2
5°	600.3
6°	593.0
7°	585.7
8°	576.2
9°	566.7
10°	555.8
11°	544.1
12°	531.7
13°	517.8
14°	503.2
15°	489.3
17.5°	452.1
20°	414.1
22.5°	375.4
25°	340.3
27.5°	306.0
30°	272.4
32.5°	238.8
35°	205.2
37.5°	171.6
40°	138.8
42.5°	108.1
45°	81.1
47.5°	58.4
50°	40.2
52.5°	29.2
55°	24.8
57.5°	22.6
60°	20.4
62.5°	18.3
65°	16.1
67.5°	13.9
70°	12.4
72.5°	10.2
75°	8.0
77.5°	6.6
80°	5.1
82.5°	3.7
85°	2.2
87.5°	1.5



TEST NUMBER: P1247646

CATALOG NUMBER: P3A20R359024D010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)