

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: P1265823

Luminaire Tested: P3A20R359730D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265823
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 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

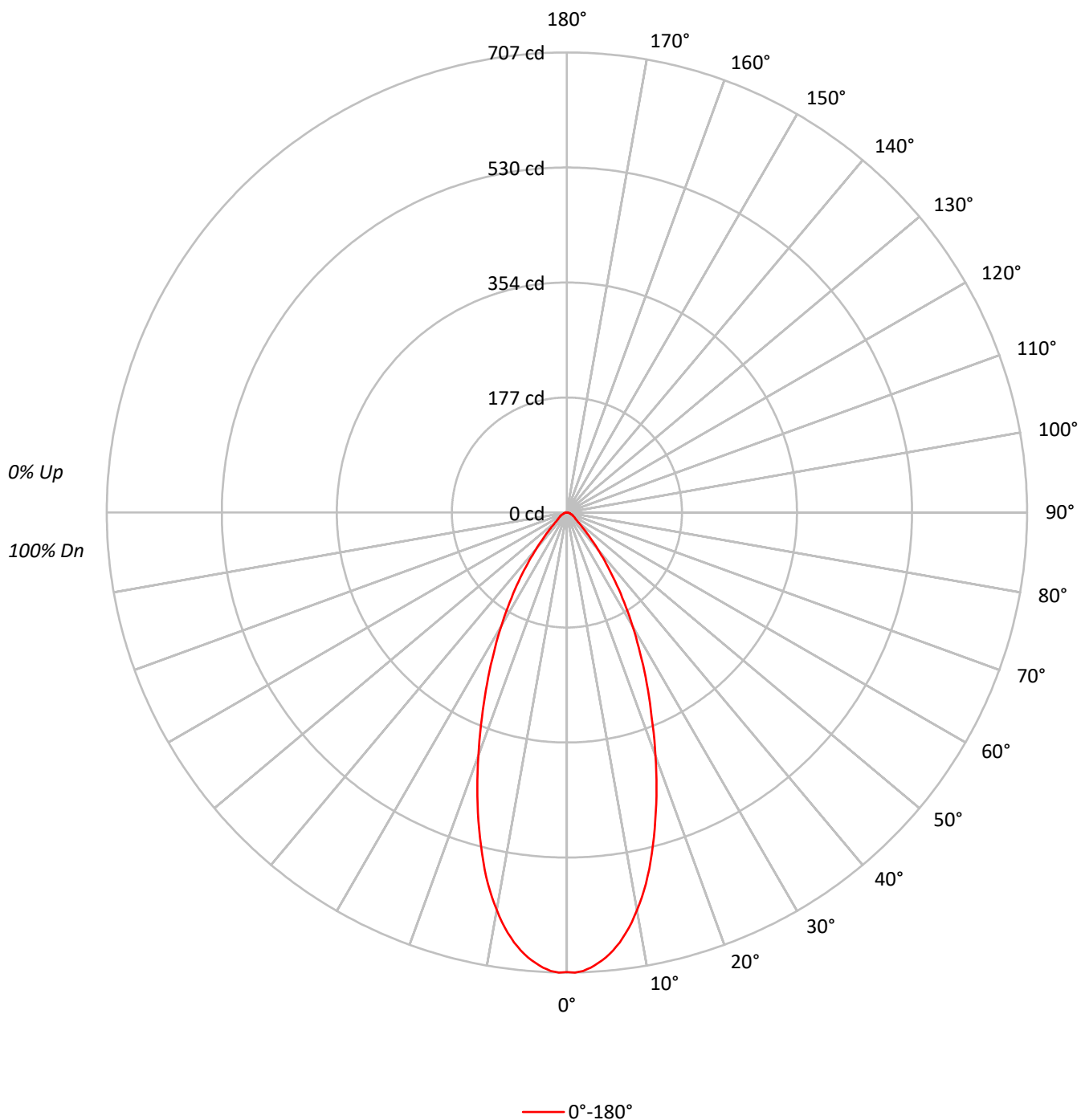
Lumens per Lamp: N/A
Luminaire Lumens: 482.0 lumens
Efficiency: N/A
Efficacy: 16.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265823

CATALOG NUMBER: P3A20R359730D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265823

CATALOG NUMBER: P3A20R359730D010 E3DLP1GPH

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°	154922
5°	151111
10°	138140
15°	117254
20°	92828
25°	70214
30°	51122
35°	34559
40°	21240
45°	12187
50°	7335
55°	5964
60°	5219
65°	4618
70°	3783
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12187 cd/sqm

TEST NUMBER: P1265823

CATALOG NUMBER: P3A20R359730D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.4	13.2
10°-20°	142.4	29.5
20°-30°	133.2	27.6
30°-40°	81.5	16.9
40°-50°	32.1	6.7
50°-60°	14.2	2.9
60°-70°	8.8	1.8
70°-80°	4.7	1.0
80°-90°	1.6	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°	339.1	70.3
0°-40°	420.6	87.3
0°-60°	466.9	96.9
0°-90°	482.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	482.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	706	
5°	686	63
15°	516	142
25°	290	133
35°	129	82
45°	39	32
55°	16	14
65°	9	9
75°	4	5
85°	2	2
90°	0	

TEST NUMBER: P1265823

CATALOG NUMBER: P3A20R359730D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	706.5
1°	707.3
2°	705.0
3°	700.6
4°	693.9
5°	686.5
6°	676.8
7°	665.7
8°	652.4
9°	637.5
10°	620.4
11°	602.6
12°	583.3
13°	562.6
14°	539.5
15°	516.5
17.5°	457.2
20°	397.8
22.5°	340.6
25°	290.2
27.5°	243.4
30°	201.9
32.5°	163.3
35°	129.1
37.5°	98.7
40°	74.2
42.5°	53.4
45°	39.3
47.5°	28.2
50°	21.5
52.5°	17.8
55°	15.6
57.5°	13.4
60°	11.9
62.5°	10.4
65°	8.9
67.5°	7.4
70°	5.9
72.5°	5.2
75°	4.5
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.5
87.5°	0.7



TEST NUMBER: P1265823

CATALOG NUMBER: P3A20R359730D010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)