

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: P1263782

Luminaire Tested: P3AS02R159730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263782
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

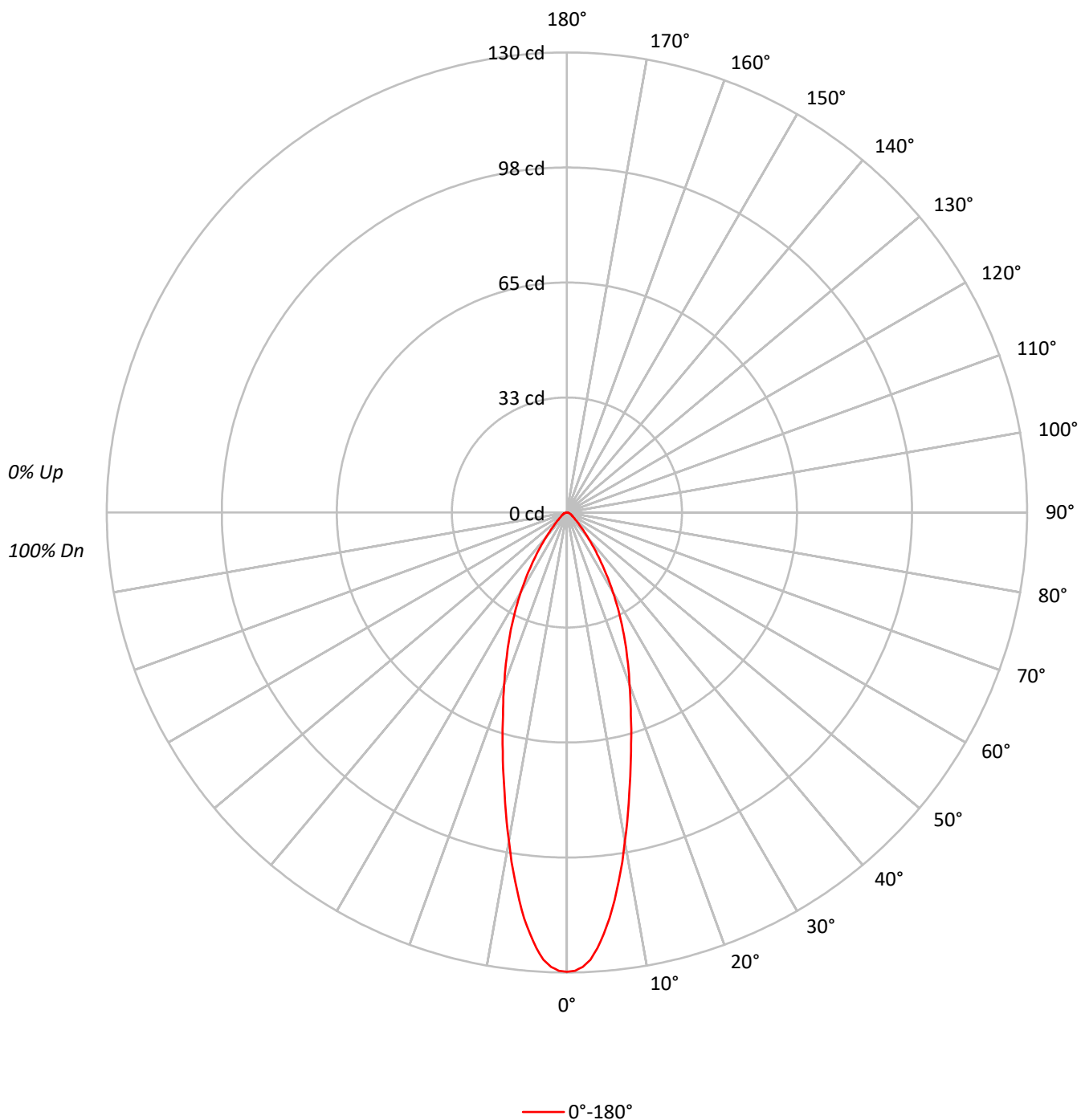
Lumens per Lamp: N/A
Luminaire Lumens: 66.0 lumens
Efficiency: N/A
Efficacy: 18.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1263782

CATALOG NUMBER: P3AS02R159730DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1263782

CATALOG NUMBER: P3AS02R159730DE010 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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	28463
5°	26304
10°	20997
15°	15868
20°	12088
25°	9194
30°	6583
35°	4310
40°	2634
45°	1582
50°	1058
55°	803
60°	702
65°	623
70°	577
75°	508
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1582 cd/sqm

TEST NUMBER: P1263782

CATALOG NUMBER: P3AS02R159730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.6	16.0
10°-20°	19.5	29.6
20°-30°	17.4	26.3
30°-40°	10.3	15.6
40°-50°	4.2	6.4
50°-60°	2.0	3.0
60°-70°	1.2	1.9
70°-80°	0.6	1.0
80°-90°	0.1	0.2
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°	47.5	72.0
0°-40°	57.8	87.6
0°-60°	64.0	97.0
0°-90°	66.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	66.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	130	
5°	120	11
15°	70	20
25°	38	17
35°	16	10
45°	5	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1263782

CATALOG NUMBER: P3AS02R159730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	129.8
1°	129.5
2°	128.5
3°	126.6
4°	123.4
5°	119.5
6°	115.3
7°	110.4
8°	105.2
9°	100.0
10°	94.3
12.5°	81.3
15°	69.9
17.5°	60.0
20°	51.8
22.5°	44.5
25°	38.0
27.5°	31.8
30°	26.0
32.5°	20.8
35°	16.1
37.5°	12.3
40°	9.2
42.5°	6.9
45°	5.1
47.5°	4.0
50°	3.1
52.5°	2.6
55°	2.1
57.5°	1.8
60°	1.6
62.5°	1.4
65°	1.2
67.5°	1.1
70°	0.9
72.5°	0.8
75°	0.6
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)