

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: P1253690

Luminaire Tested: P3AS02R659035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253690
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

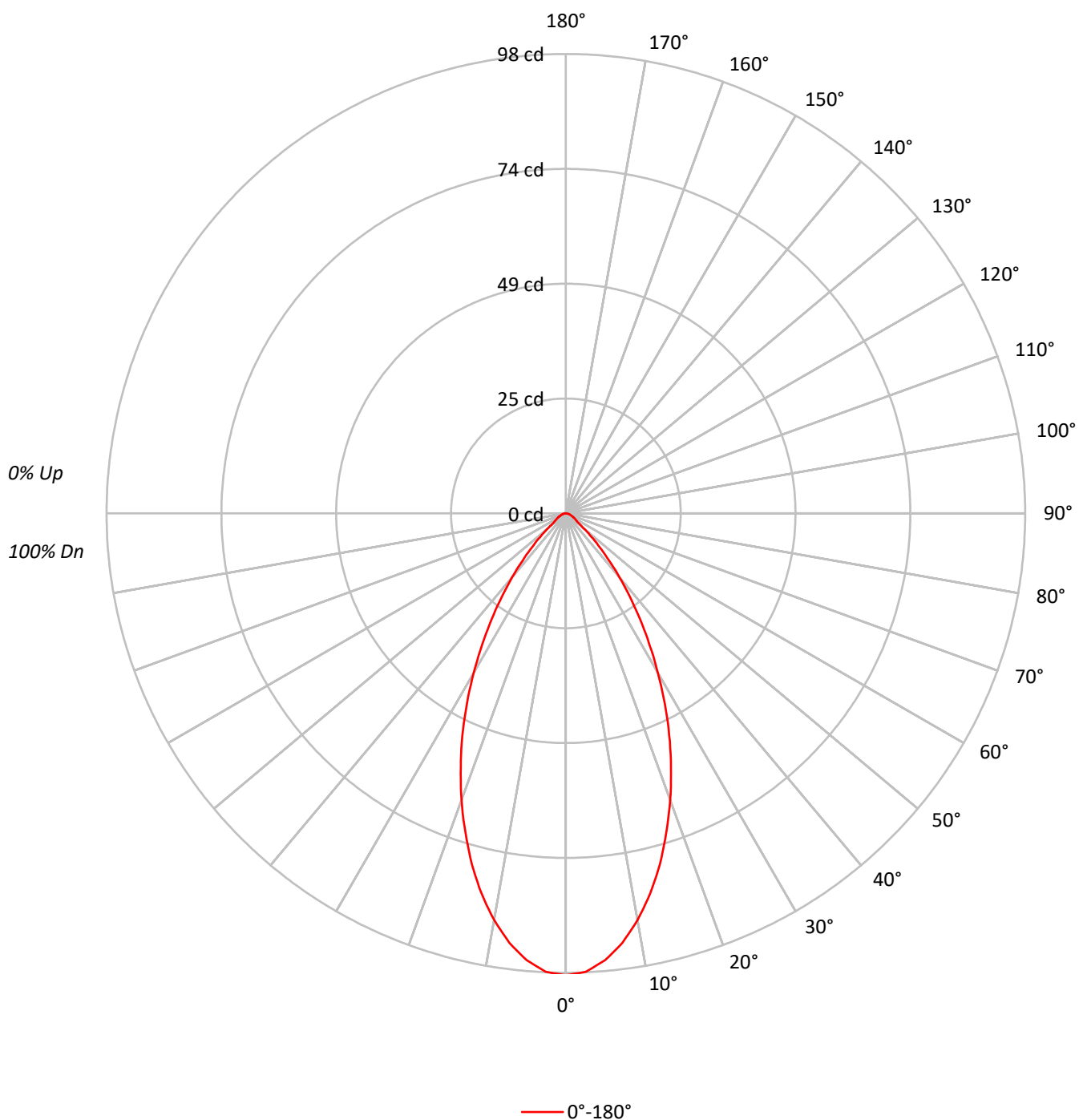
Lumens per Lamp: N/A
Luminaire Lumens: 85.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253690

CATALOG NUMBER: P3AS02R659035DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1253690

CATALOG NUMBER: P3AS02R659035DE010 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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	21599
5°	21065
10°	19617
15°	17594
20°	15191
25°	12630
30°	9951
35°	7388
40°	5095
45°	3163
50°	1706
55°	1070
60°	921
65°	830
70°	705
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3163 cd/sqm

TEST NUMBER: P1253690

CATALOG NUMBER: P3AS02R659035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.9	10.5
10°-20°	21.5	25.3
20°-30°	23.8	28.0
30°-40°	17.3	20.3
40°-50°	8.1	9.5
50°-60°	2.7	3.2
60°-70°	1.6	1.8
70°-80°	0.8	1.0
80°-90°	0.3	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°	54.2	63.8
0°-40°	71.5	84.1
0°-60°	82.3	96.9
0°-90°	85.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	85.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	98	
5°	96	9
15°	78	22
25°	52	24
35°	28	17
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1253690

CATALOG NUMBER: P3AS02R659035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	98.5
2.5°	97.9
5°	95.7
7.5°	92.4
10°	88.1
12.5°	83.1
15°	77.5
17.5°	71.3
20°	65.1
22.5°	58.6
25°	52.2
27.5°	45.7
30°	39.3
32.5°	33.2
35°	27.6
37.5°	22.4
40°	17.8
42.5°	13.6
45°	10.2
47.5°	7.4
50°	5.0
52.5°	3.4
55°	2.8
57.5°	2.5
60°	2.1
62.5°	1.8
65°	1.6
67.5°	1.3
70°	1.1
72.5°	1.0
75°	0.7
77.5°	0.6
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)