

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: P1248043

Luminaire Tested: P3AS02R259027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248043
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

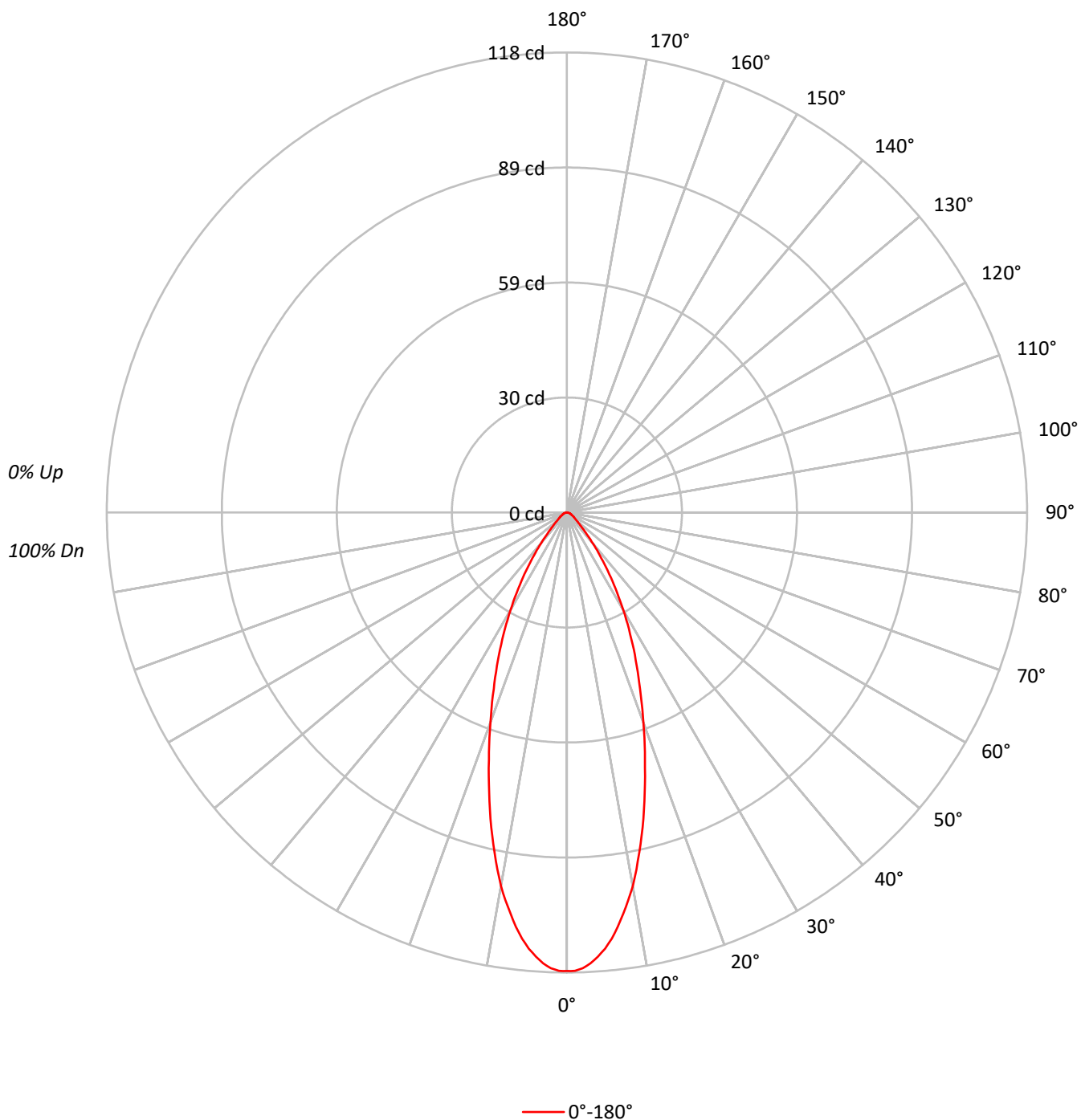
Lumens per Lamp: N/A
Luminaire Lumens: 71.0 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248043

CATALOG NUMBER: P3AS02R259027DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1248043

CATALOG NUMBER: P3AS02R259027DE010 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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	25787
5°	24719
10°	21665
15°	17412
20°	13371
25°	10113
30°	7318
35°	4872
40°	2948
45°	1706
50°	1092
55°	879
60°	789
65°	675
70°	577
75°	593
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1706 cd/sqm

TEST NUMBER: P1248043

CATALOG NUMBER: P3AS02R259027DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	14.4
10°-20°	21.2	29.9
20°-30°	19.2	27.0
30°-40°	11.5	16.2
40°-50°	4.6	6.4
50°-60°	2.1	3.0
60°-70°	1.3	1.8
70°-80°	0.7	1.0
80°-90°	0.2	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°	50.6	71.3
0°-40°	62.1	87.5
0°-60°	68.8	97.0
0°-90°	71.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	71.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	118	
5°	112	10
15°	77	21
25°	42	19
35°	18	12
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1248043

CATALOG NUMBER: P3AS02R259027DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	117.6
1°	117.6
2°	117.0
3°	115.8
4°	114.2
5°	112.3
6°	109.9
7°	107.1
8°	103.9
9°	100.7
10°	97.3
11°	93.3
12°	89.2
13°	85.1
14°	81.0
15°	76.7
17.5°	66.5
20°	57.3
22.5°	49.0
25°	41.8
27.5°	35.1
30°	28.9
32.5°	23.2
35°	18.2
37.5°	13.8
40°	10.3
42.5°	7.5
45°	5.5
47.5°	4.2
50°	3.2
52.5°	2.7
55°	2.3
57.5°	2.0
60°	1.8
62.5°	1.4
65°	1.3
67.5°	1.1
70°	0.9
72.5°	0.8
75°	0.7
77.5°	0.6
80°	0.3
82.5°	0.2
85°	0.2
87.5°	0.1



TEST NUMBER: P1248043

CATALOG NUMBER: P3AS02R259027DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)