

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: P1252167

Luminaire Tested: P3AS13R659030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

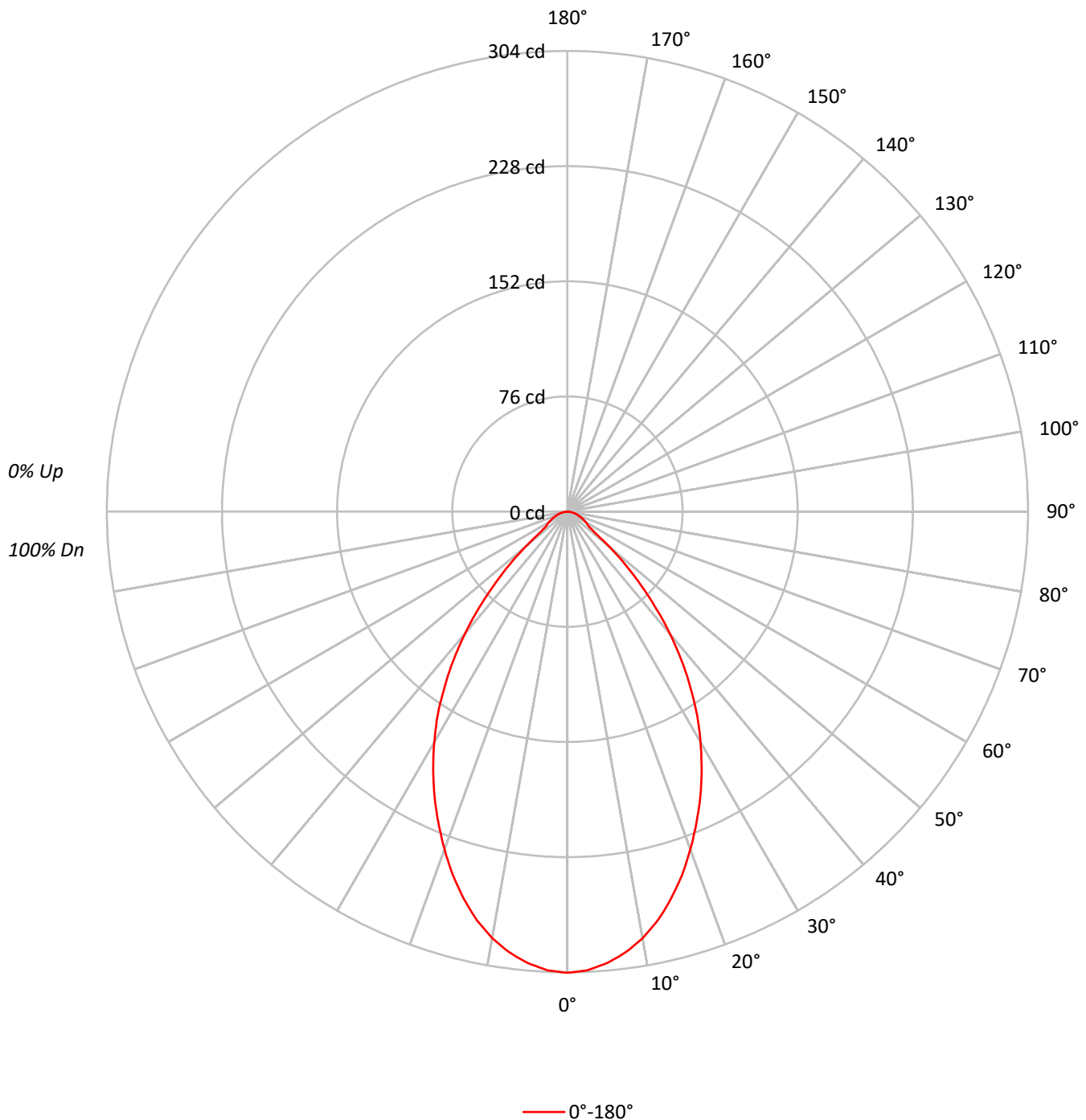
Lumens per Lamp: N/A
Luminaire Lumens: 375.0 lumens
Efficiency: N/A
Efficacy: 25.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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

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Luminous Intensity Polar Plot



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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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	66727
5°	65837
10°	63637
15°	60000
20°	55351
25°	50229
30°	44488
35°	37852
40°	30142
45°	21274
50°	12349
55°	6729
60°	6271
65°	5707
70°	5193
75°	4829
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21274 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	7.5
10°-20°	74.0	19.7
20°-30°	95.0	25.3
30°-40°	87.9	23.4
40°-50°	53.1	14.2
50°-60°	18.1	4.8
60°-70°	10.9	2.9
70°-80°	6.1	1.6
80°-90°	1.8	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°	197.1	52.6
0°-40°	285.0	76.0
0°-60°	356.2	95.0
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	304	
5°	299	28
15°	264	74
25°	208	95
35°	141	88
45°	69	53
55°	18	18
65°	11	11
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	304.3
2.5°	302.9
5°	299.1
7.5°	293.4
10°	285.8
12.5°	276.2
15°	264.3
17.5°	251.5
20°	237.2
22.5°	222.4
25°	207.6
27.5°	191.9
30°	175.7
32.5°	159.5
35°	141.4
37.5°	123.8
40°	105.3
42.5°	86.7
45°	68.6
47.5°	51.9
50°	36.2
52.5°	22.9
55°	17.6
57.5°	15.7
60°	14.3
62.5°	12.4
65°	11.0
67.5°	9.5
70°	8.1
72.5°	7.1
75°	5.7
77.5°	4.8
80°	3.3
82.5°	2.4
85°	1.4
87.5°	1.0
90°	0.0

(END OF REPORT)