

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: P1252174

Luminaire Tested: P3AS13R659030DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252174
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: P3AS13R659030DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

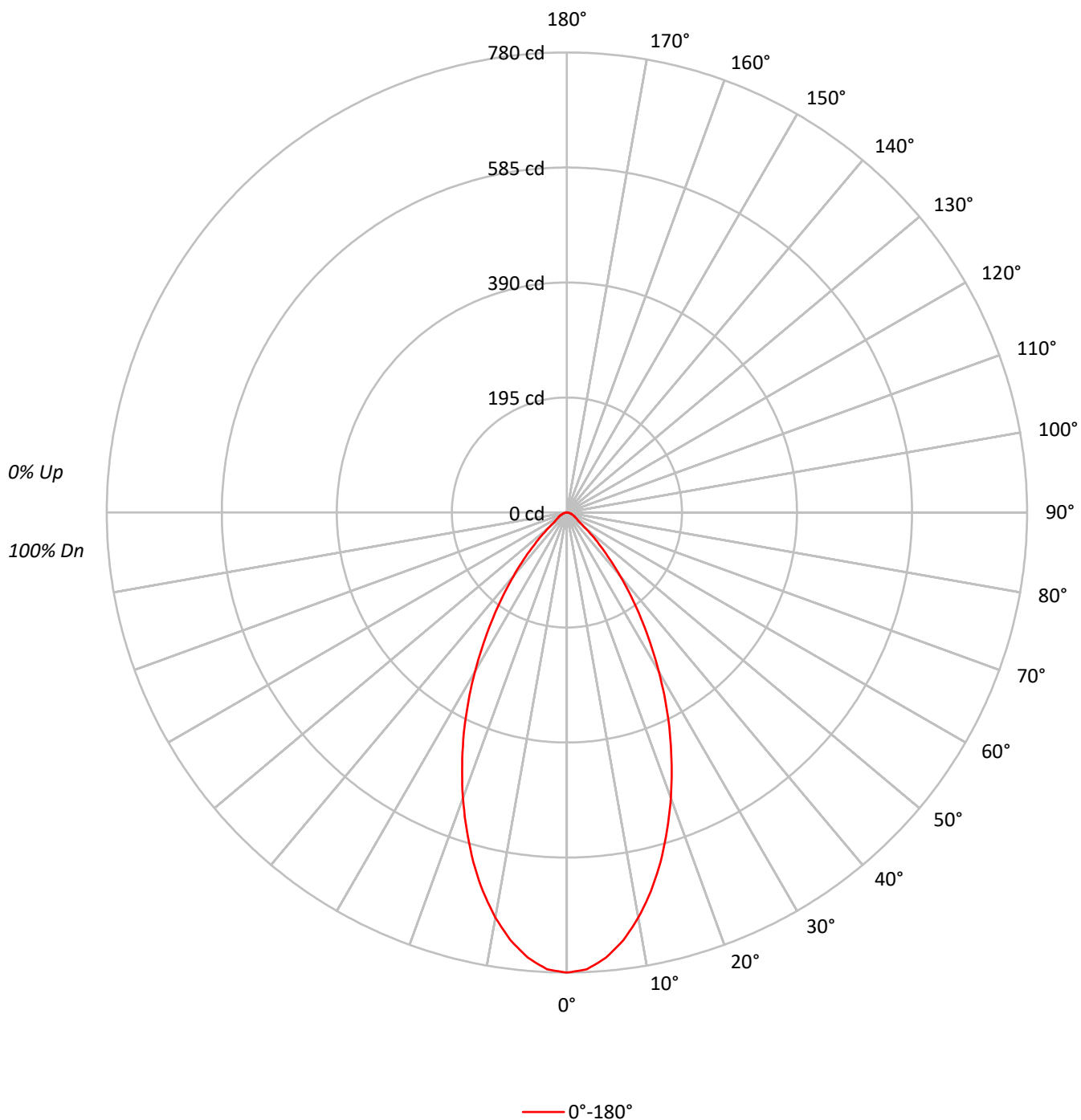
Lumens per Lamp: N/A
Luminaire Lumens: 673.0 lumens
Efficiency: N/A
Efficacy: 46.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92		
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85		
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78		
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72		
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66		
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62		
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57		
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54		
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50		
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171061
5°	166806
10°	155330
15°	139206
20°	120224
25°	99998
30°	78873
35°	58437
40°	40275
45°	24964
50°	13577
55°	8525
60°	7236
65°	6538
70°	5578
75°	4914
80°	4925
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24964 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.4	10.5
10°-20°	170.4	25.3
20°-30°	188.4	28.0
30°-40°	136.9	20.3
40°-50°	64.1	9.5
50°-60°	21.6	3.2
60°-70°	12.5	1.9
70°-80°	6.5	1.0
80°-90°	2.1	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°	429.3	63.8
0°-40°	566.2	84.1
0°-60°	651.9	96.9
0°-90°	673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	673.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	780	
5°	758	70
15°	613	170
25°	413	188
35°	218	137
45°	80	64
55°	22	22
65°	13	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	780.1
2.5°	775.3
5°	757.8
7.5°	731.6
10°	697.6
12.5°	657.9
15°	613.2
17.5°	564.7
20°	515.2
22.5°	463.8
25°	413.3
27.5°	361.9
30°	311.5
32.5°	263.0
35°	218.3
37.5°	177.6
40°	140.7
42.5°	107.7
45°	80.5
47.5°	58.2
50°	39.8
52.5°	27.2
55°	22.3
57.5°	19.4
60°	16.5
62.5°	14.6
65°	12.6
67.5°	10.7
70°	8.7
72.5°	7.8
75°	5.8
77.5°	4.9
80°	3.9
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)