

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: P1251883

Luminaire Tested: P3AS13R159030DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251883
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: P3AS13R159030DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

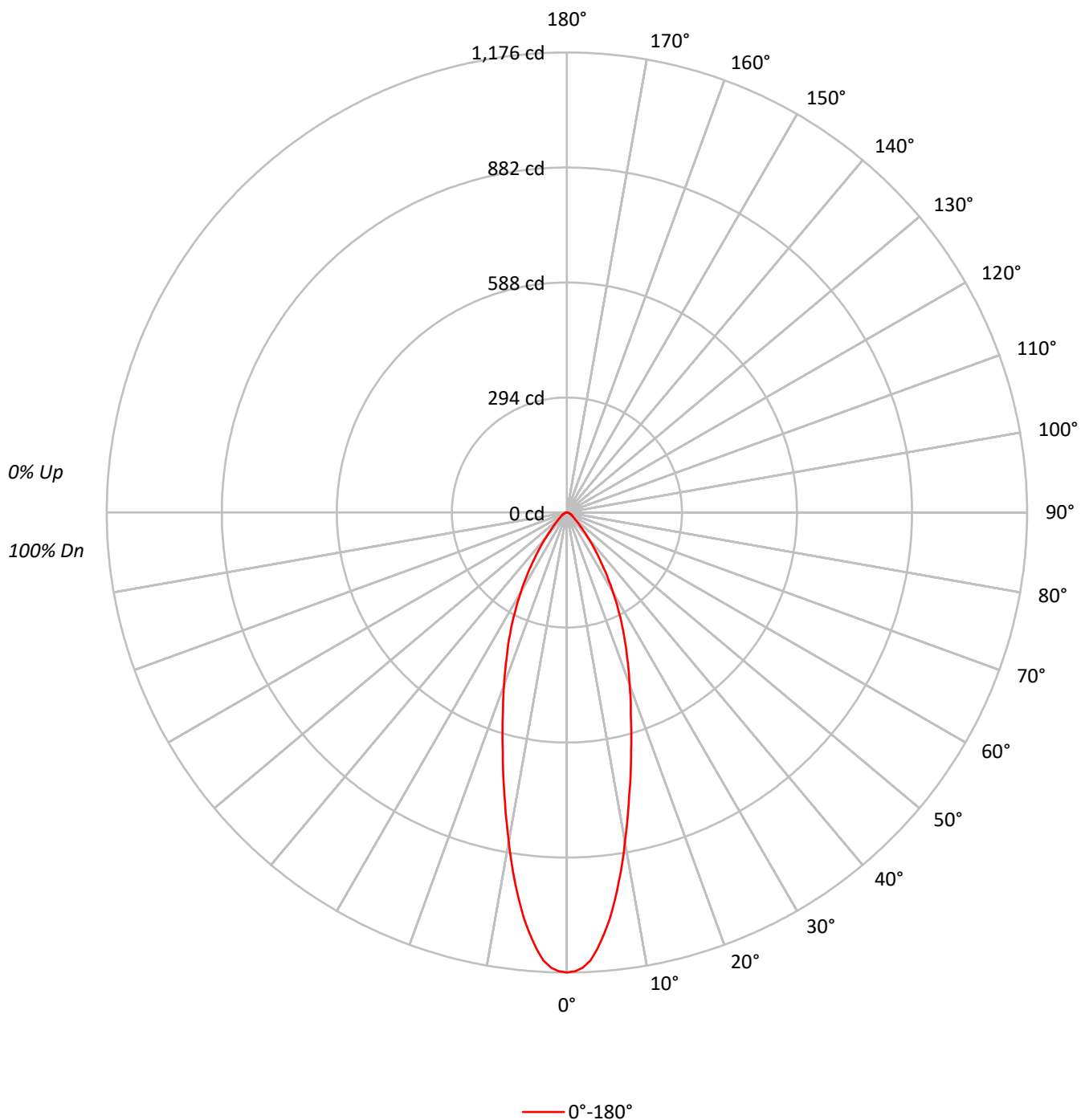
Lumens per Lamp: N/A
Luminaire Lumens: 598.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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					30					10					0
RW	70	50	30	10		70	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
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	93	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	257874
5°	238344
10°	190288
15°	143724
20°	109443
25°	83400
30°	59756
35°	39003
40°	23902
45°	14451
50°	9620
55°	7417
60°	6403
65°	5552
70°	5001
75°	4914
80°	3662
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14451 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.9	16.0
10°-20°	177.0	29.6
20°-30°	157.5	26.3
30°-40°	93.2	15.6
40°-50°	38.2	6.4
50°-60°	18.0	3.0
60°-70°	10.9	1.8
70°-80°	5.8	1.0
80°-90°	1.5	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°	430.4	72.0
0°-40°	523.7	87.6
0°-60°	579.9	97.0
0°-90°	598.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	598.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1176	
5°	1083	96
15°	633	177
25°	345	158
35°	146	93
45°	47	38
55°	19	18
65°	11	11
75°	6	6
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1176.0
1°	1173.1
2°	1164.3
3°	1146.9
4°	1117.7
5°	1082.8
6°	1044.9
7°	1000.2
8°	953.6
9°	906.0
10°	854.6
12.5°	737.1
15°	633.1
17.5°	543.8
20°	469.0
22.5°	403.0
25°	344.7
27.5°	288.4
30°	236.0
32.5°	188.4
35°	145.7
37.5°	111.7
40°	83.5
42.5°	62.1
45°	46.6
47.5°	35.9
50°	28.2
52.5°	23.3
55°	19.4
57.5°	16.5
60°	14.6
62.5°	12.6
65°	10.7
67.5°	9.7
70°	7.8
72.5°	6.8
75°	5.8
77.5°	3.9
80°	2.9
82.5°	1.9
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)