

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: P1272162

Luminaire Tested: P3AS13R659827DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272162
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: P3AS13R659827DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

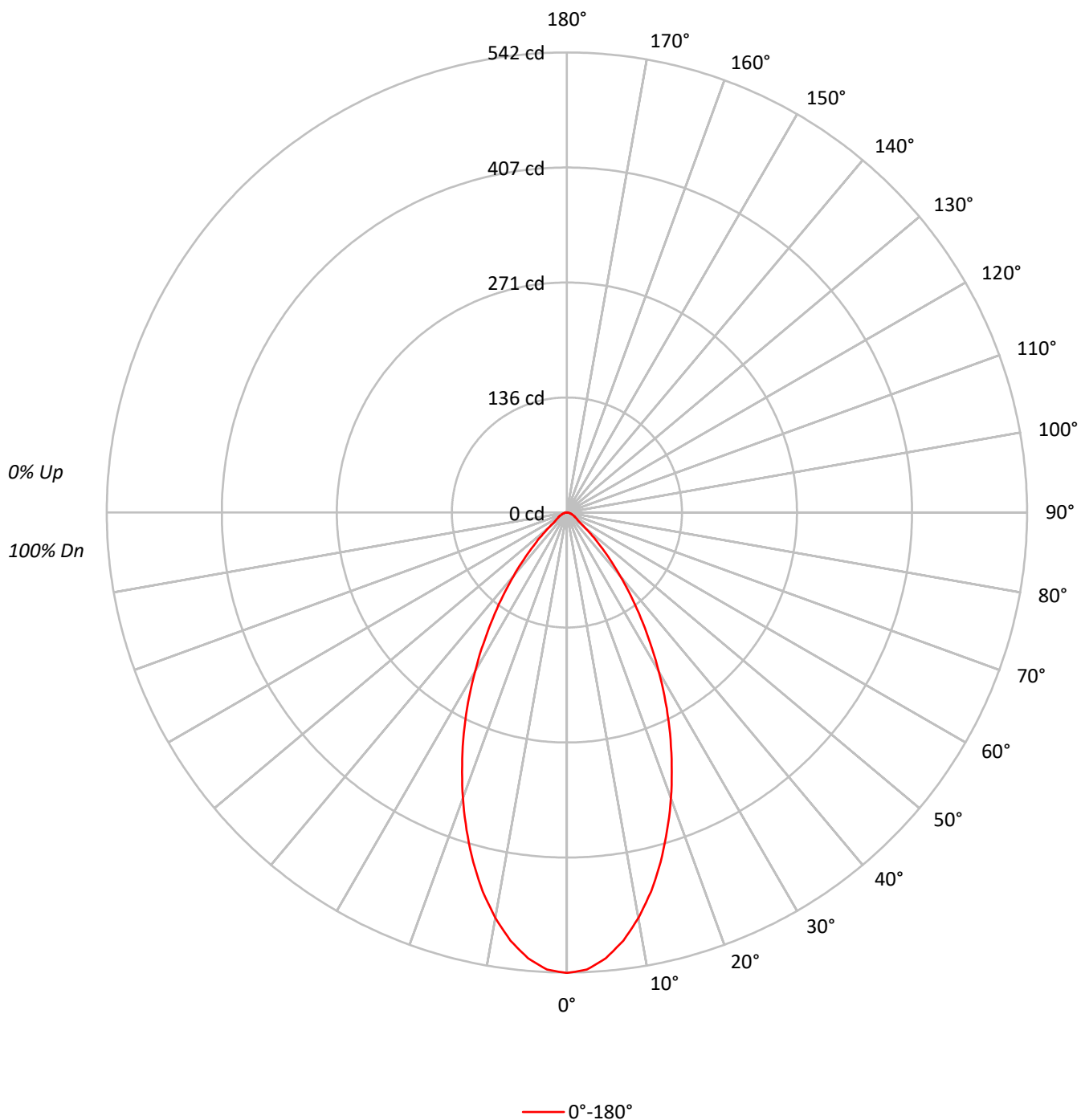
Lumens per Lamp: N/A
Luminaire Lumens: 468.0 lumens
Efficiency: N/A
Efficacy: 32.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1272162

CATALOG NUMBER: P3AS13R659827DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1272162

CATALOG NUMBER: P3AS13R659827DE010 E3DLP1H

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°	118960
5°	116002
10°	108014
15°	96800
20°	83611
25°	69536
30°	54844
35°	40636
40°	27995
45°	17366
50°	9450
55°	5926
60°	5043
65°	4566
70°	3911
75°	3389
80°	3410
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17366 cd/sqm

TEST NUMBER: P1272162

CATALOG NUMBER: P3AS13R659827DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.0	10.5
10°-20°	118.5	25.3
20°-30°	131.0	28.0
30°-40°	95.2	20.3
40°-50°	44.6	9.5
50°-60°	15.0	3.2
60°-70°	8.7	1.9
70°-80°	4.5	1.0
80°-90°	1.5	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°	298.5	63.8
0°-40°	393.7	84.1
0°-60°	453.3	96.9
0°-90°	468.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	468.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	542	
5°	527	49
15°	426	119
25°	287	131
35°	152	95
45°	56	45
55°	16	15
65°	9	9
75°	4	5
85°	1	1
90°	0	

TEST NUMBER: P1272162

CATALOG NUMBER: P3AS13R659827DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	542.5
2.5°	539.1
5°	527.0
7.5°	508.8
10°	485.1
12.5°	457.5
15°	426.4
17.5°	392.7
20°	358.3
22.5°	322.5
25°	287.4
27.5°	251.7
30°	216.6
32.5°	182.9
35°	151.8
37.5°	123.5
40°	97.8
42.5°	74.9
45°	56.0
47.5°	40.5
50°	27.7
52.5°	18.9
55°	15.5
57.5°	13.5
60°	11.5
62.5°	10.1
65°	8.8
67.5°	7.4
70°	6.1
72.5°	5.4
75°	4.0
77.5°	3.4
80°	2.7
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)