

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: P1276876

Luminaire Tested: P3AS20R459835D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R459835D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

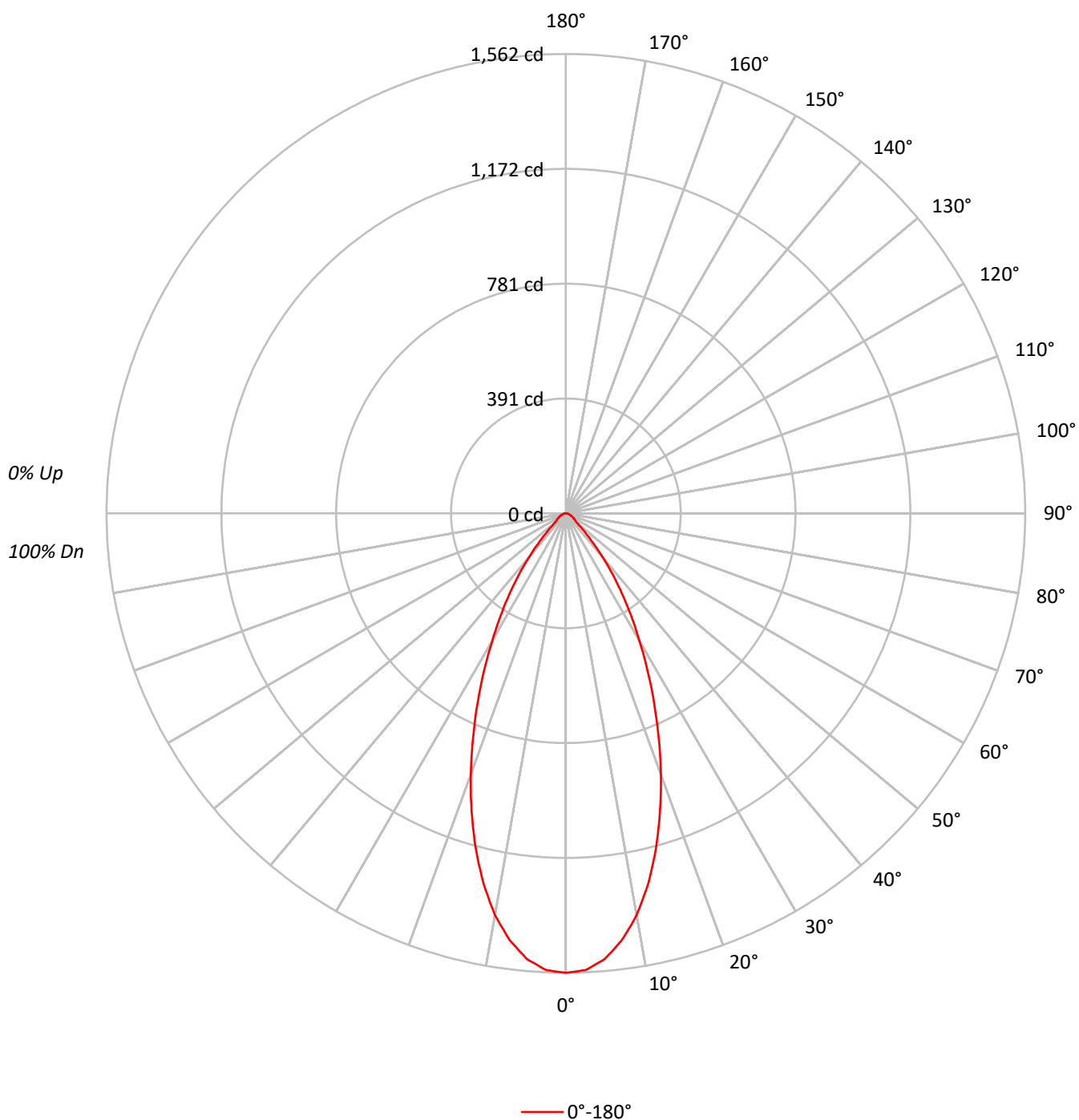
Lumens per Lamp: N/A
Luminaire Lumens: 1150.0 lumens
Efficiency: N/A
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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: P1276876

CATALOG NUMBER: P3AS20R459835D010 E3DLP1H

Luminous Intensity Polar Plot





TEST NUMBER: P1276876

CATALOG NUMBER: P3AS20R459835D010 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	342538
5°	334734
10°	308790
15°	268492
20°	220566
25°	171615
30°	126728
35°	89168
40°	55676
45°	30143
50°	16307
55°	14031
60°	12587
65°	10740
70°	9168
75°	9489
80°	8082
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30143 cd/sqm

TEST NUMBER: P1276876

CATALOG NUMBER: P3AS20R459835D010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.8	12.2
10°-20°	327.0	28.4
20°-30°	324.6	28.2
30°-40°	209.0	18.2
40°-50°	80.5	7.0
50°-60°	32.7	2.8
60°-70°	20.7	1.8
70°-80°	11.2	1.0
80°-90°	3.5	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°	792.4	68.9
0°-40°	1001.4	87.1
0°-60°	1114.7	96.9
0°-90°	1150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1150.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1562	
5°	1521	141
15°	1183	327
25°	709	325
35°	333	209
45°	97	81
55°	37	33
65°	21	21
75°	11	11
85°	3	3
90°	0	

TEST NUMBER: P1276876

CATALOG NUMBER: P3AS20R459835D010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1562.1
2.5°	1554.1
5°	1520.7
7.5°	1463.3
10°	1386.8
12.5°	1291.1
15°	1182.7
17.5°	1064.8
20°	945.2
22.5°	824.1
25°	709.3
27.5°	600.9
30°	500.5
32.5°	412.8
35°	333.1
37.5°	261.4
40°	194.5
42.5°	140.3
45°	97.2
47.5°	65.4
50°	47.8
52.5°	39.8
55°	36.7
57.5°	31.9
60°	28.7
62.5°	23.9
65°	20.7
67.5°	17.5
70°	14.3
72.5°	12.8
75°	11.2
77.5°	8.0
80°	6.4
82.5°	4.8
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)