

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: P1274913

Luminaire Tested: P3AS20R659830D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274913
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: P3AS20R659830D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

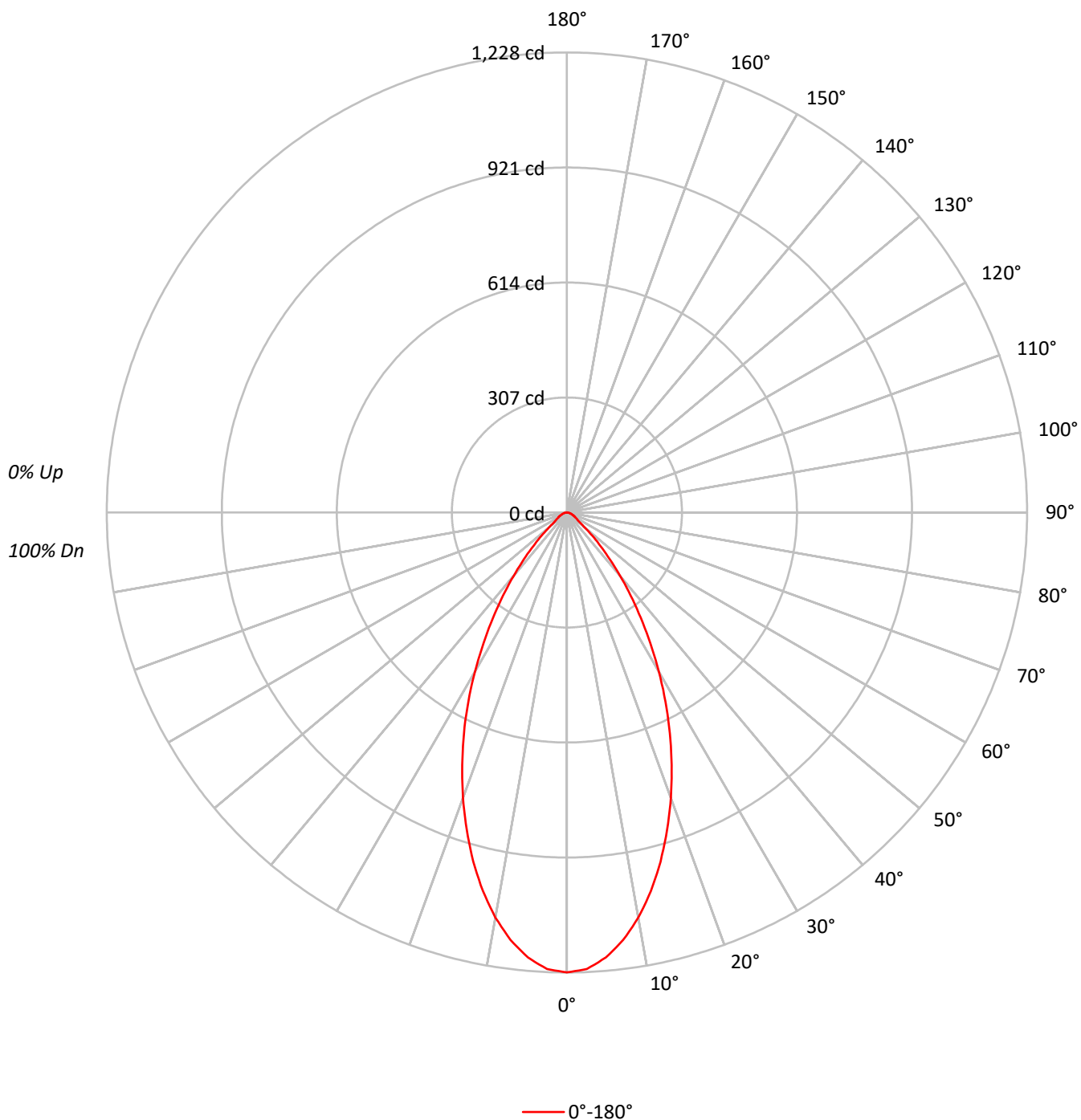
Lumens per Lamp: N/A
Luminaire Lumens: 1059.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1274913

CATALOG NUMBER: P3AS20R659830D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1274913

CATALOG NUMBER: P3AS20R659830D010 E3DL1WH

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	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	269189
5°	262469
10°	244440
15°	219048
20°	189180
25°	157364
30°	124095
35°	91952
40°	63376
45°	39291
50°	21355
55°	13419
60°	11403
65°	10273
70°	8784
75°	7795
80°	7703
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39291 cd/sqm

TEST NUMBER: P1274913

CATALOG NUMBER: P3AS20R659830D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.8	10.5
10°-20°	268.2	25.3
20°-30°	296.5	28.0
30°-40°	215.4	20.3
40°-50°	100.9	9.5
50°-60°	34.0	3.2
60°-70°	19.6	1.9
70°-80°	10.3	1.0
80°-90°	3.3	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°	675.5	63.8
0°-40°	890.9	84.1
0°-60°	1025.8	96.9
0°-90°	1059.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1059.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1228	
5°	1192	111
15°	965	268
25°	650	297
35°	344	215
45°	127	101
55°	35	34
65°	20	20
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1274913

CATALOG NUMBER: P3AS20R659830D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1227.6
2.5°	1219.9
5°	1192.4
7.5°	1151.2
10°	1097.8
12.5°	1035.2
15°	964.9
17.5°	888.6
20°	810.7
22.5°	729.8
25°	650.4
27.5°	569.5
30°	490.1
32.5°	413.8
35°	343.5
37.5°	279.4
40°	221.4
42.5°	169.5
45°	126.7
47.5°	91.6
50°	62.6
52.5°	42.8
55°	35.1
57.5°	30.5
60°	26.0
62.5°	22.9
65°	19.8
67.5°	16.8
70°	13.7
72.5°	12.2
75°	9.2
77.5°	7.6
80°	6.1
82.5°	4.6
85°	3.1
87.5°	1.5
90°	0.0

(END OF REPORT)