

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: P1255312

Luminaire Tested: P3AS20R159035D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255312
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: P3AS20R159035D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

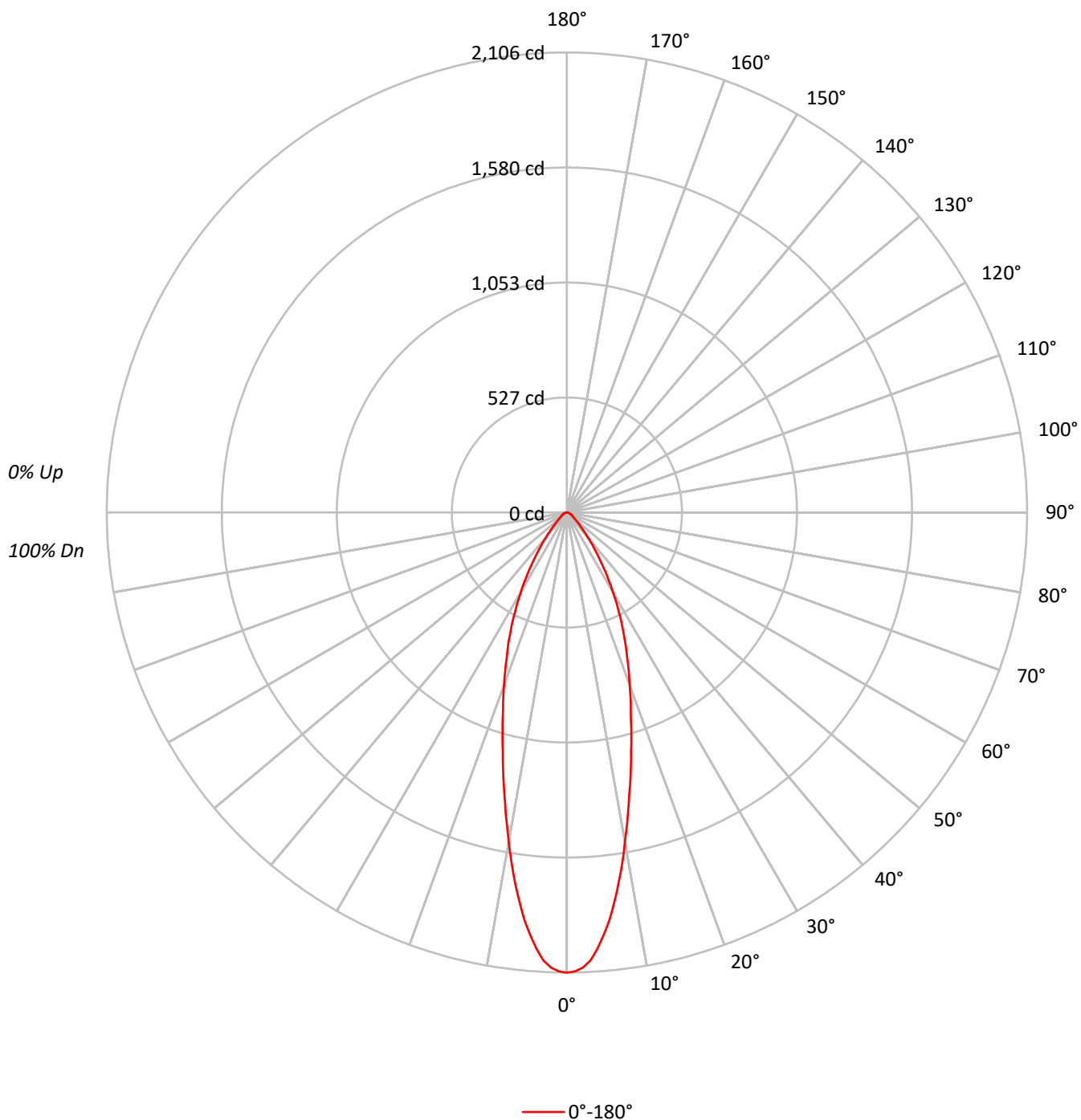
Lumens per Lamp: N/A
Luminaire Lumens: 1071.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1255312

CATALOG NUMBER: P3AS20R159035D010 E3DLP1LI

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	461849
5°	426853
10°	340786
15°	257414
20°	196017
25°	149380
30°	107004
35°	69841
40°	42823
45°	25894
50°	17193
55°	13304
60°	11446
65°	9910
70°	8912
75°	8811
80°	6566
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25894 cd/sqm

TEST NUMBER: P1255312

CATALOG NUMBER: P3AS20R159035D010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.8	16.0
10°-20°	316.9	29.6
20°-30°	282.2	26.3
30°-40°	167.0	15.6
40°-50°	68.5	6.4
50°-60°	32.2	3.0
60°-70°	19.6	1.8
70°-80°	10.3	1.0
80°-90°	2.6	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°	770.9	72.0
0°-40°	937.8	87.6
0°-60°	1038.5	97.0
0°-90°	1071.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1071.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2106	
5°	1939	172
15°	1134	317
25°	617	282
35°	261	167
45°	84	68
55°	35	32
65°	19	20
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2106.2
1°	2100.9
2°	2085.3
3°	2054.0
4°	2001.8
5°	1939.2
6°	1871.4
7°	1791.4
8°	1707.9
9°	1622.7
10°	1530.5
12.5°	1320.0
15°	1133.9
17.5°	973.9
20°	840.0
22.5°	721.8
25°	617.4
27.5°	516.5
30°	422.6
32.5°	337.4
35°	260.9
37.5°	200.0
40°	149.6
42.5°	111.3
45°	83.5
47.5°	64.3
50°	50.4
52.5°	41.7
55°	34.8
57.5°	29.6
60°	26.1
62.5°	22.6
65°	19.1
67.5°	17.4
70°	13.9
72.5°	12.2
75°	10.4
77.5°	7.0
80°	5.2
82.5°	3.5
85°	1.7
87.5°	1.7
90°	0.0

(END OF REPORT)