

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: P1266013

Luminaire Tested: P3AS20R709730D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266013
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709730D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

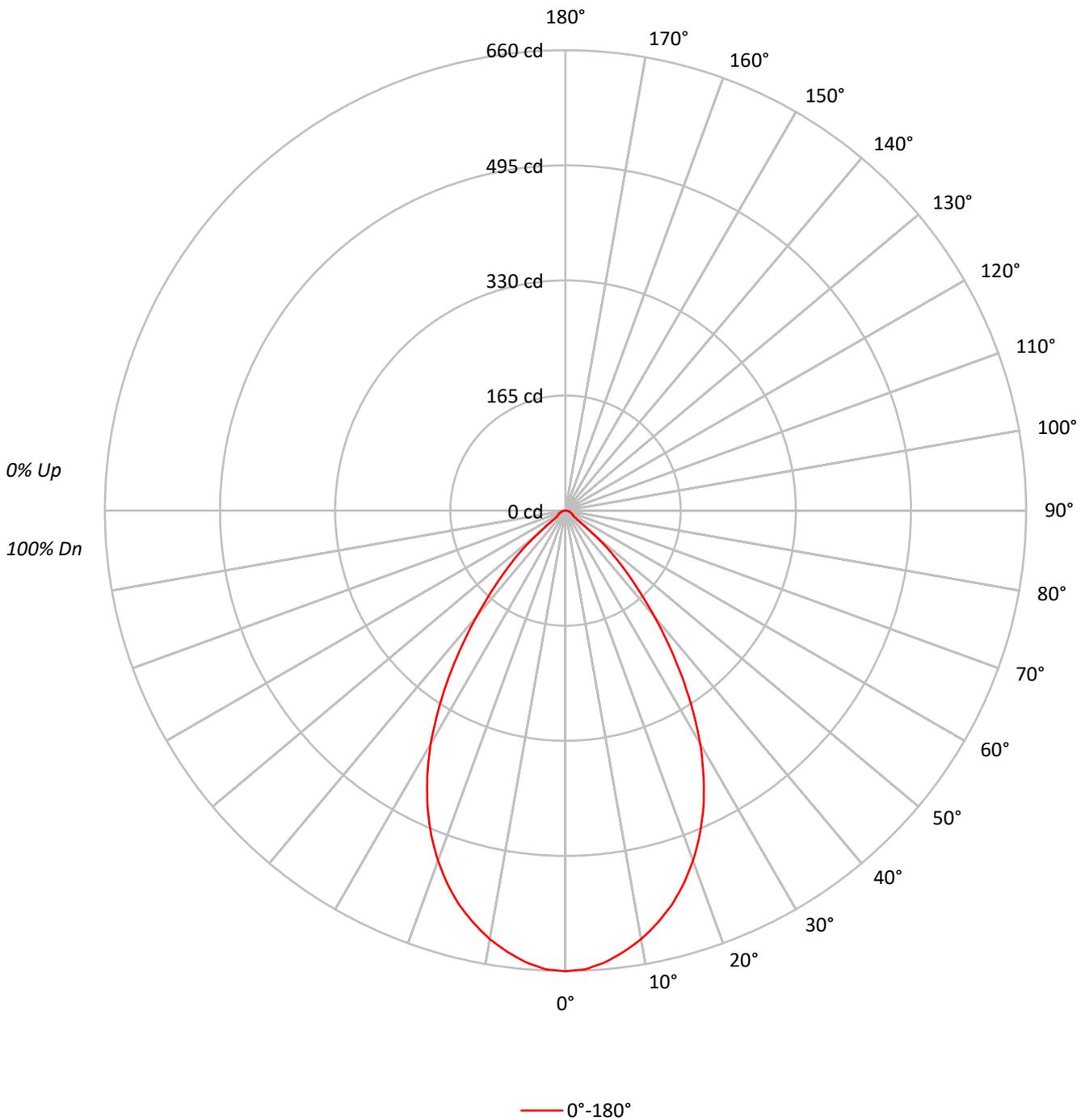
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 748.0 lumens
Efficiency: N/A
Efficacy: 26.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
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: P1266013
CATALOG NUMBER: P3AS20R709730D010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1266013
 CATALOG NUMBER: P3AS20R709730D010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	96	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144813
5°	143077
10°	138942
15°	133054
20°	124634
25°	113232
30°	97813
35°	77952
40°	56763
45°	37306
50°	17500
55°	5390
60°	5219
65°	5033
70°	4744
75°	4999
80°	4672
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37306 cd/sqm



TEST NUMBER: P1266013
 CATALOG NUMBER: P3AS20R709730D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	8.2
10°-20°	164.0	21.9
20°-30°	213.2	28.5
30°-40°	180.9	24.2
40°-50°	93.3	12.5
50°-60°	18.0	2.4
60°-70°	9.7	1.3
70°-80°	6.0	0.8
80°-90°	1.7	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°	438.4	58.6
0°-40°	619.3	82.8
0°-60°	730.6	97.7
0°-90°	748.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	748.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	660	
5°	650	61
15°	586	164
25°	468	213
35°	291	181
45°	120	93
55°	14	18
65°	10	10
75°	6	6
85°	2	2
90°	0	



TEST NUMBER: P1266013
CATALOG NUMBER: P3AS20R709730D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	660.4
2.5°	658.1
5°	650.0
7.5°	638.1
10°	624.0
12.5°	606.1
15°	586.1
17.5°	561.6
20°	534.1
22.5°	502.9
25°	468.0
27.5°	428.6
30°	386.3
32.5°	339.5
35°	291.2
37.5°	243.6
40°	198.3
42.5°	156.0
45°	120.3
47.5°	88.4
50°	51.3
52.5°	22.3
55°	14.1
57.5°	13.4
60°	11.9
62.5°	11.1
65°	9.7
67.5°	8.9
70°	7.4
72.5°	6.7
75°	5.9
77.5°	4.5
80°	3.7
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)