

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: P1255304

Luminaire Tested: P3AS20R159035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255304
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

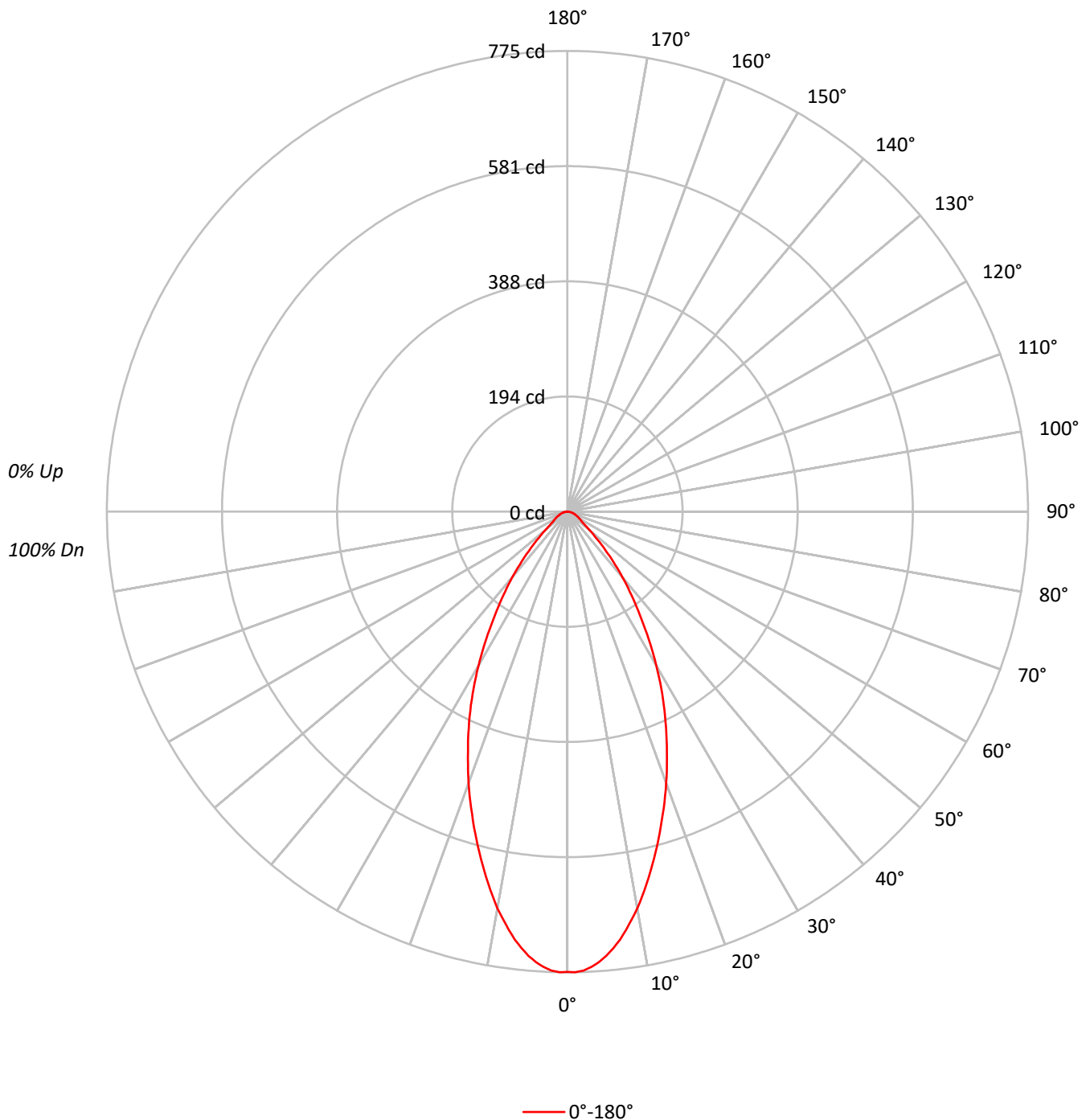
Lumens per Lamp: N/A
Luminaire Lumens: 673.0 lumens
Efficiency: N/A
Efficacy: 23.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	169745
5°	165155
10°	150921
15°	132191
20°	113410
25°	94675
30°	75784
35°	56831
40°	41249
45°	26980
50°	16852
55°	11393
60°	10087
65°	9288
70°	8719
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26980 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.2	10.3
10°-20°	162.3	24.1
20°-30°	178.8	26.6
30°-40°	133.9	19.9
40°-50°	69.4	10.3
50°-60°	28.7	4.3
60°-70°	17.8	2.6
70°-80°	10.0	1.5
80°-90°	2.9	0.4
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°	410.3	61.0
0°-40°	544.1	80.8
0°-60°	642.3	95.4
0°-90°	673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	673.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	774	
5°	750	69
15°	582	162
25°	391	179
35°	212	134
45°	87	69
55°	30	29
65°	18	18
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	774.1
1°	775.0
2°	772.4
3°	767.3
4°	759.7
5°	750.3
6°	738.3
7°	725.5
8°	710.2
9°	694.0
10°	677.8
12.5°	630.9
15°	582.3
17.5°	533.7
20°	486.0
22.5°	437.4
25°	391.3
27.5°	345.3
30°	299.3
32.5°	254.1
35°	212.3
37.5°	176.5
40°	144.1
42.5°	114.2
45°	87.0
47.5°	65.6
50°	49.4
52.5°	36.7
55°	29.8
57.5°	26.4
60°	23.0
62.5°	20.5
65°	17.9
67.5°	15.3
70°	13.6
72.5°	11.1
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9
90°	0.0

(END OF REPORT)