

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: P1255454

Luminaire Tested: P3AS20R409035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255454
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

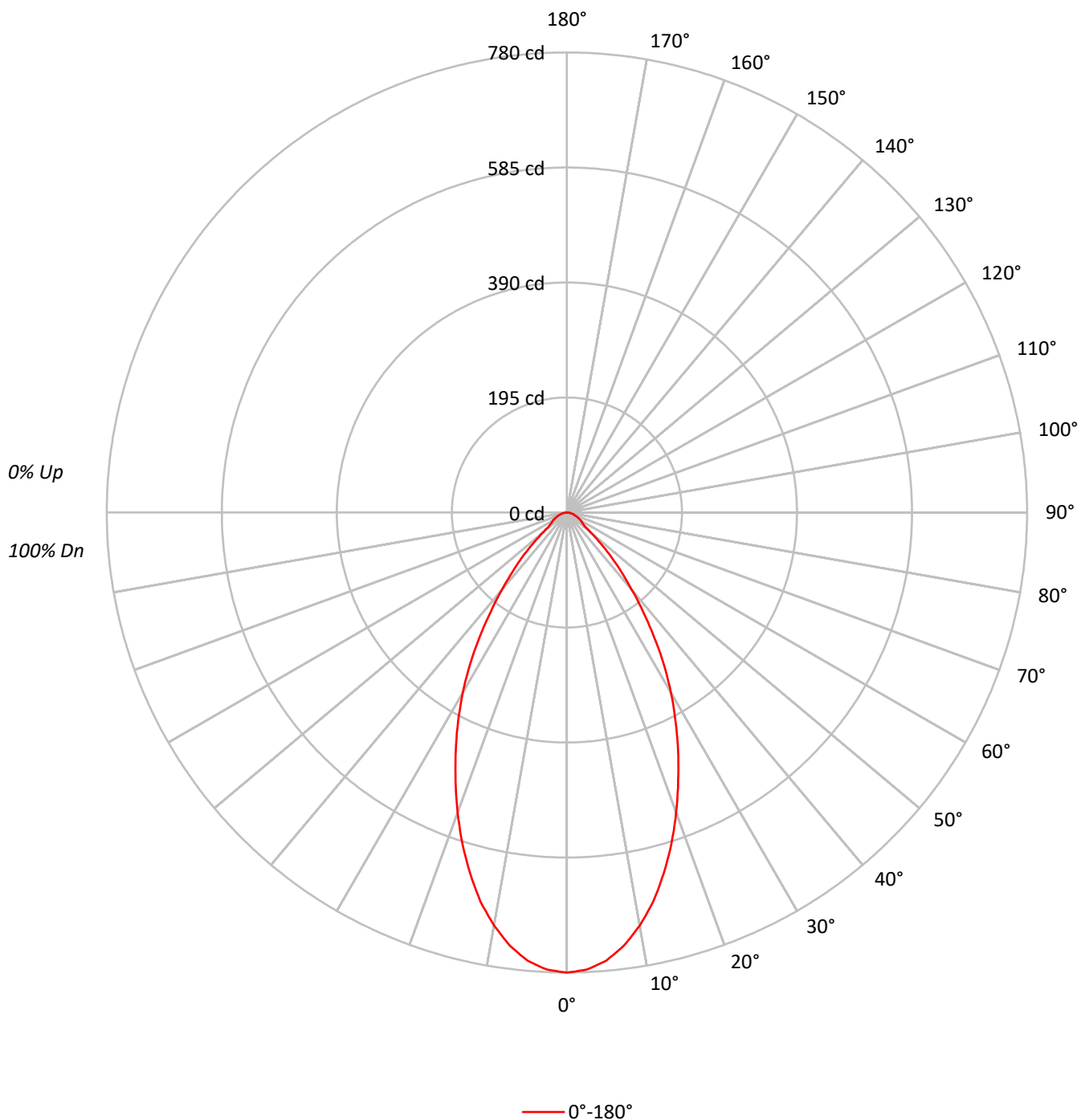
Lumens per Lamp: N/A
Luminaire Lumens: 762.0 lumens
Efficiency: N/A
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255454

CATALOG NUMBER: P3AS20R409035D010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171061
5°	167950
10°	158314
15°	143792
20°	126338
25°	107885
30°	89356
35°	68931
40°	49063
45°	33058
50°	18046
55°	12692
60°	11973
65°	11052
70°	9809
75°	9404
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33058 cd/sqm

TEST NUMBER: P1255454

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.2	9.3
10°-20°	176.5	23.2
20°-30°	204.0	26.8
30°-40°	160.8	21.1
40°-50°	82.5	10.8
50°-60°	31.5	4.1
60°-70°	20.9	2.7
70°-80°	11.4	1.5
80°-90°	3.4	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°	451.6	59.3
0°-40°	612.4	80.4
0°-60°	726.5	95.3
0°-90°	762.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	762.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	780	
5°	763	71
15°	633	176
25°	446	204
35°	258	161
45°	107	83
55°	33	32
65°	21	21
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	780.1
2.5°	775.8
5°	763.0
7.5°	740.8
10°	711.0
12.5°	676.1
15°	633.4
17.5°	589.1
20°	541.4
22.5°	492.8
25°	445.9
27.5°	399.0
30°	352.9
32.5°	306.1
35°	257.5
37.5°	212.3
40°	171.4
42.5°	136.4
45°	106.6
47.5°	77.6
50°	52.9
52.5°	38.4
55°	33.2
57.5°	29.8
60°	27.3
62.5°	23.9
65°	21.3
67.5°	17.9
70°	15.3
72.5°	12.8
75°	11.1
77.5°	8.5
80°	6.0
82.5°	5.1
85°	2.6
87.5°	1.7
90°	0.0

(END OF REPORT)