

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: P1255422

Luminaire Tested: P3AS20R359035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255422
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

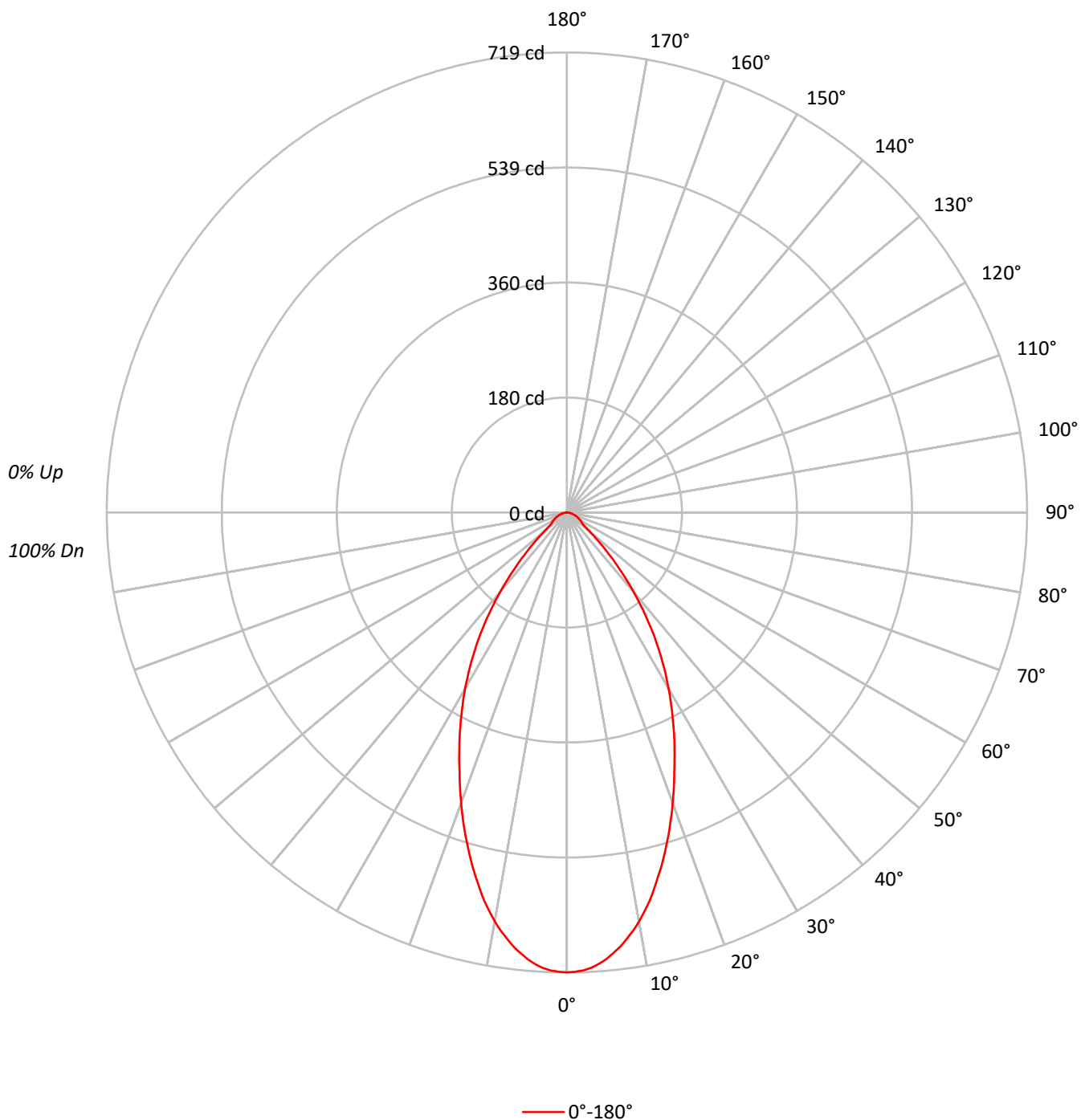
Lumens per Lamp: N/A
Luminaire Lumens: 690.0 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255422

CATALOG NUMBER: P3AS20R359035D010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1255422

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157619
5°	154281
10°	144486
15°	129694
20°	112826
25°	96127
30°	80519
35°	64139
40°	46373
45°	29336
50°	15999
55°	11087
60°	10482
65°	9755
70°	9296
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29336 cd/sqm

TEST NUMBER: P1255422

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.2	9.5
10°-20°	159.0	23.0
20°-30°	182.2	26.4
30°-40°	148.7	21.5
40°-50°	75.0	10.9
50°-60°	27.8	4.0
60°-70°	18.7	2.7
70°-80°	10.3	1.5
80°-90°	3.2	0.5
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°	406.4	58.9
0°-40°	555.1	80.4
0°-60°	657.9	95.3
0°-90°	690.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	690.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	719	
5°	701	65
15°	571	159
25°	397	182
35°	240	149
45°	95	75
55°	29	28
65°	19	19
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1255422

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CANDELA DISTRIBUTION (FULL):

0°	
0°	718.8
1°	717.9
2°	716.2
3°	712.8
4°	707.7
5°	700.9
6°	692.4
7°	683.8
8°	672.7
9°	661.7
10°	648.9
11°	635.2
12°	620.7
13°	604.5
14°	587.5
15°	571.3
17.5°	527.8
20°	483.5
22.5°	438.3
25°	397.3
27.5°	357.3
30°	318.0
32.5°	278.8
35°	239.6
37.5°	200.4
40°	162.0
42.5°	126.2
45°	94.6
47.5°	68.2
50°	46.9
52.5°	34.1
55°	29.0
57.5°	26.4
60°	23.9
62.5°	21.3
65°	18.8
67.5°	16.2
70°	14.5
72.5°	11.9
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	1.7



TEST NUMBER: P1255422

CATALOG NUMBER: P3AS20R359035D010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)