

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: P1252597

Luminaire Tested: P3AS20R159030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252597
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: P3AS20R159030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

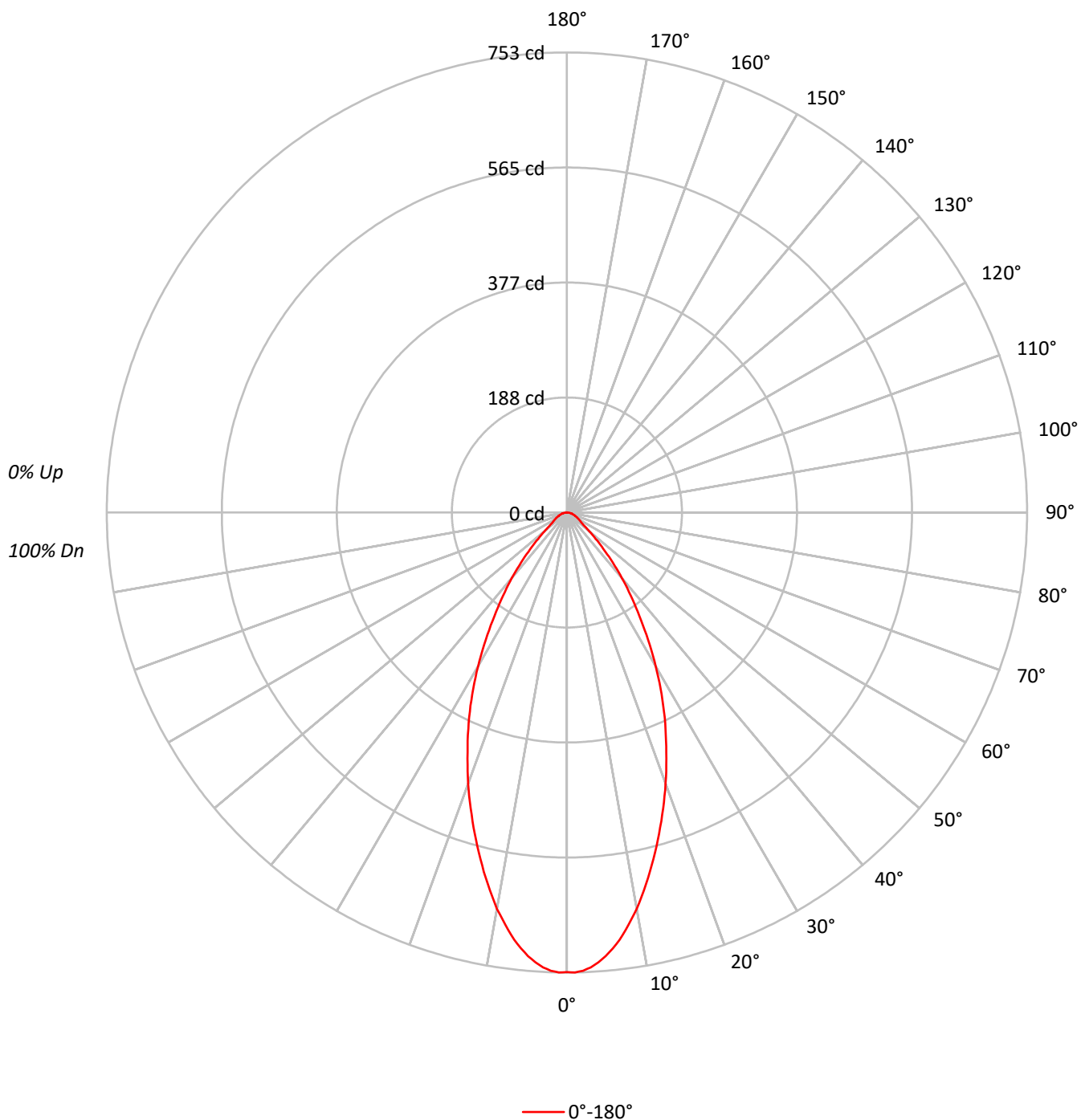
Lumens per Lamp: N/A
Luminaire Lumens: 654.0 lumens
Efficiency: N/A
Efficacy: 22.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1252597

CATALOG NUMBER: P3AS20R159030D010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1252597

CATALOG NUMBER: P3AS20R159030D010 E3DLD1GPH

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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164965
5°	160488
10°	146668
15°	128468
20°	110213
25°	92013
30°	73632
35°	55225
40°	40075
45°	26204
50°	16409
55°	11087
60°	9824
65°	9028
70°	8527
75°	7710
80°	7324
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 26204 cd/sqm

TEST NUMBER: P1252597

CATALOG NUMBER: P3AS20R159030D010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	10.3
10°-20°	157.7	24.1
20°-30°	173.7	26.6
30°-40°	130.1	19.9
40°-50°	67.4	10.3
50°-60°	28.0	4.3
60°-70°	17.3	2.6
70°-80°	9.7	1.5
80°-90°	2.8	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°	398.7	61.0
0°-40°	528.8	80.8
0°-60°	624.2	95.4
0°-90°	654.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	654.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	752	
5°	729	67
15°	566	158
25°	380	174
35°	206	130
45°	84	67
55°	29	28
65°	17	17
75°	9	10
85°	2	3
90°	0	

TEST NUMBER: P1252597

CATALOG NUMBER: P3AS20R159030D010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	752.3
1°	753.1
2°	750.6
3°	745.7
4°	738.2
5°	729.1
6°	717.5
7°	705.1
8°	690.2
9°	674.4
10°	658.7
12.5°	613.1
15°	565.9
17.5°	518.7
20°	472.3
22.5°	425.0
25°	380.3
27.5°	335.5
30°	290.8
32.5°	246.9
35°	206.3
37.5°	171.5
40°	140.0
42.5°	111.0
45°	84.5
47.5°	63.8
50°	48.1
52.5°	35.6
55°	29.0
57.5°	25.7
60°	22.4
62.5°	19.9
65°	17.4
67.5°	14.9
70°	13.3
72.5°	10.8
75°	9.1
77.5°	7.5
80°	5.8
82.5°	4.1
85°	2.5
87.5°	0.8
90°	0.0

(END OF REPORT)