

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: P1274630

Luminaire Tested: P3AS20R159830D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274630
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159830D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

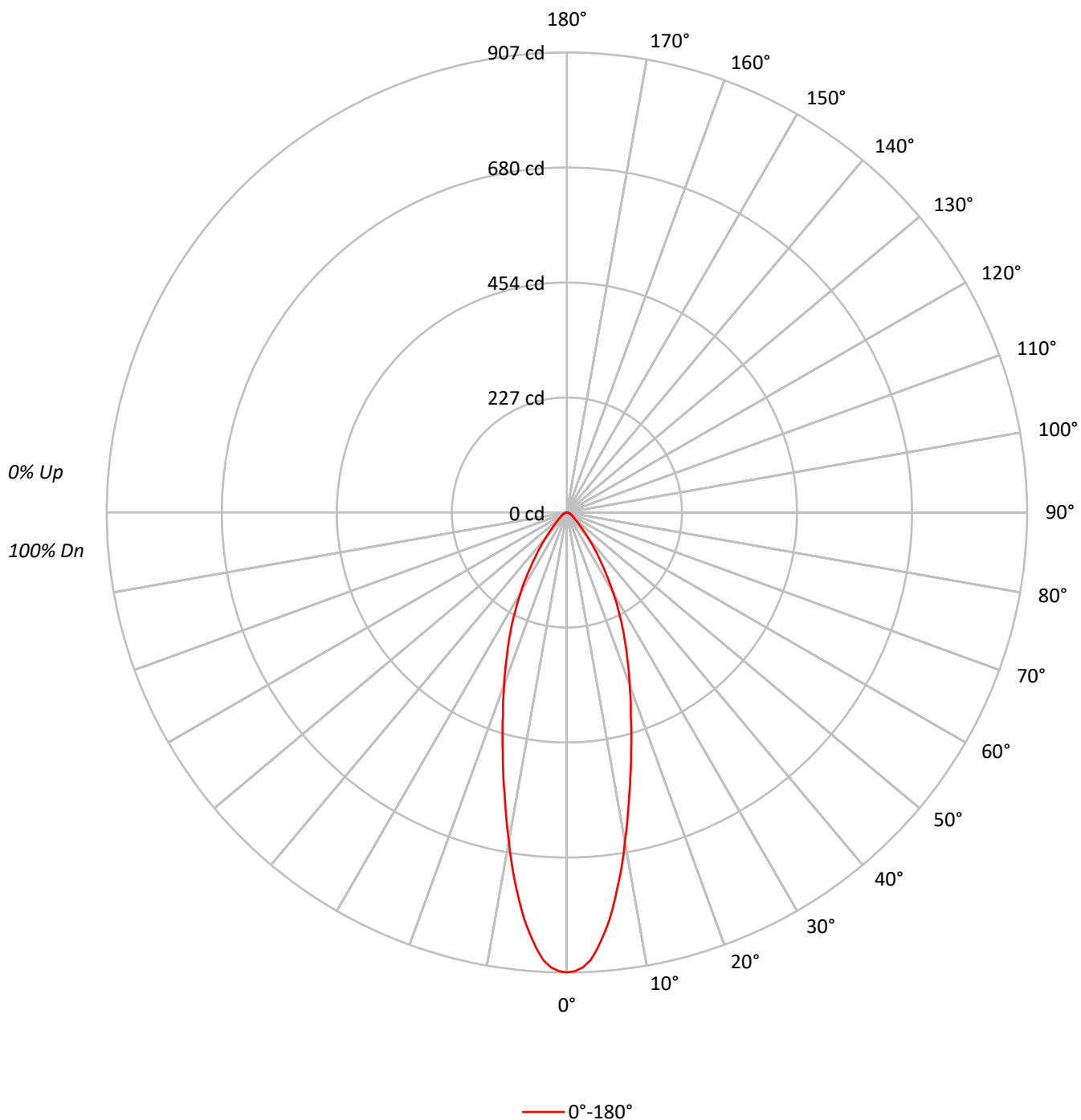
Lumens per Lamp: N/A
Luminaire Lumens: 460.9 lumens
Efficiency: N/A
Efficacy: 16.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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: P1274630

CATALOG NUMBER: P3AS20R159830D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1274630

CATALOG NUMBER: P3AS20R159830D010 E3DLP1GPH

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	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	73		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198800
5°	183733
10°	146691
15°	110807
20°	84381
25°	64310
30°	46058
35°	30062
40°	18435
45°	11133
50°	7403
55°	5735
60°	4912
65°	4255
70°	3847
75°	3813
80°	2778
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11133 cd/sqm

TEST NUMBER: P1274630

CATALOG NUMBER: P3AS20R159830D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.9	16.0
10°-20°	136.4	29.6
20°-30°	121.5	26.4
30°-40°	71.9	15.6
40°-50°	29.5	6.4
50°-60°	13.8	3.0
60°-70°	8.4	1.8
70°-80°	4.4	1.0
80°-90°	1.1	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°	331.8	72.0
0°-40°	403.7	87.6
0°-60°	447.0	97.0
0°-90°	460.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	460.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	907	
5°	835	74
15°	488	136
25°	266	121
35°	112	72
45°	36	29
55°	15	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1274630

CATALOG NUMBER: P3AS20R159830D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	906.6
1°	904.3
2°	897.6
3°	884.1
4°	861.7
5°	834.7
6°	805.5
7°	771.1
8°	735.1
9°	698.5
10°	658.8
12.5°	568.2
15°	488.1
17.5°	419.2
20°	361.6
22.5°	310.7
25°	265.8
27.5°	222.3
30°	181.9
32.5°	145.2
35°	112.3
37.5°	86.1
40°	64.4
42.5°	47.9
45°	35.9
47.5°	27.7
50°	21.7
52.5°	18.0
55°	15.0
57.5°	12.7
60°	11.2
62.5°	9.7
65°	8.2
67.5°	7.5
70°	6.0
72.5°	5.2
75°	4.5
77.5°	3.0
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)