

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: P1272568

Luminaire Tested: P3AS20R159827D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272568
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159827D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

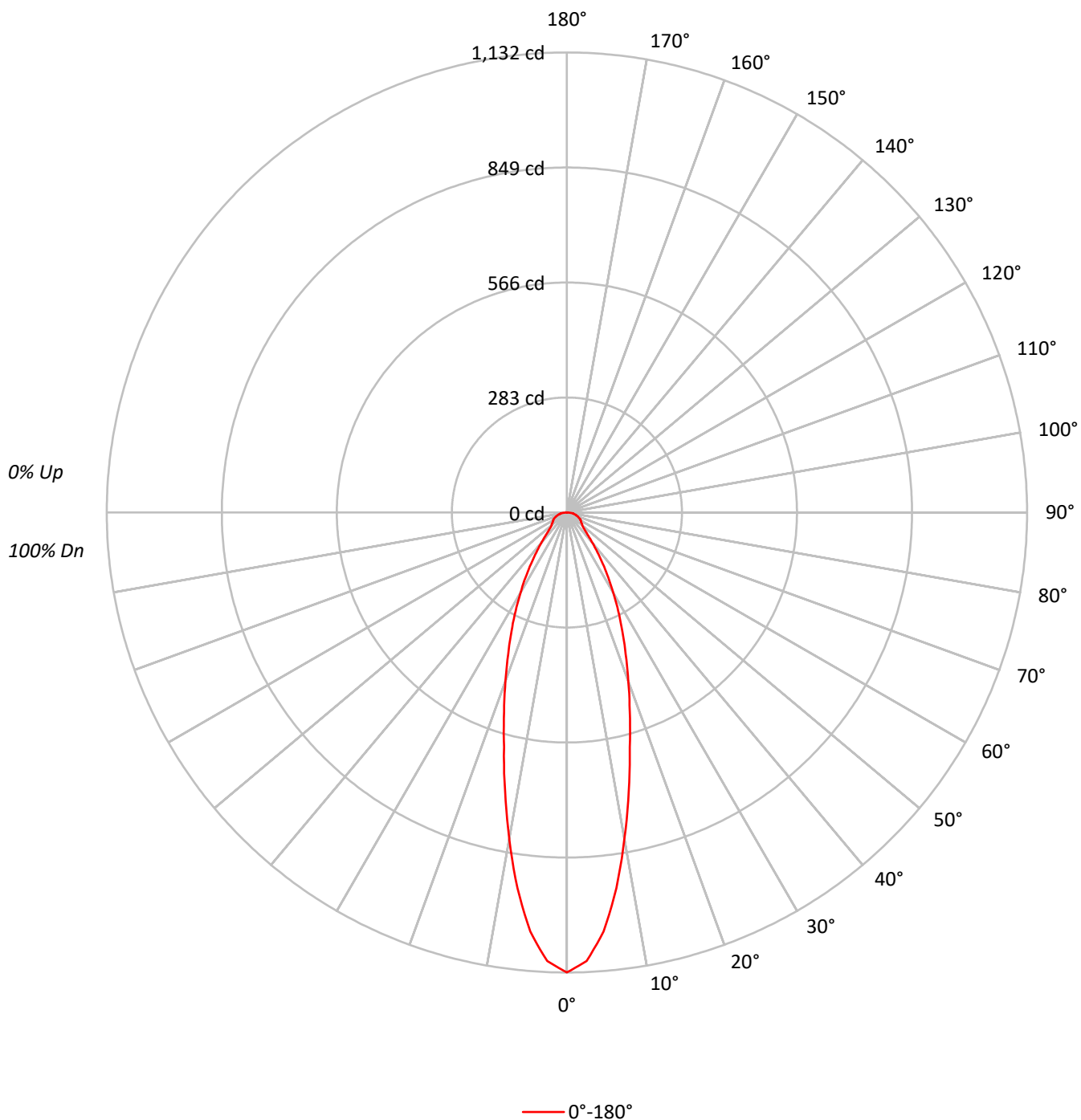
Lumens per Lamp: N/A
Luminaire Lumens: 663.0 lumens
Efficiency: N/A
Efficacy: 24.2 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1272568

CATALOG NUMBER: P3AS20R159827D010 E3PHLP1MW

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	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	248160
5°	227844
10°	181560
15°	135687
20°	103049
25°	78005
30°	57730
35°	41225
40°	28224
45°	19754
50°	16818
55°	16477
60°	17104
65°	18108
70°	18465
75°	19148
80°	20710
85°	20631

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 24192 cd/sqm

TEST NUMBER: P1272568

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.7	13.8
10°-20°	167.6	25.3
20°-30°	148.5	22.4
30°-40°	97.3	14.7
40°-50°	52.0	7.8
50°-60°	39.3	5.9
60°-70°	33.8	5.1
70°-80°	23.3	3.5
80°-90°	9.5	1.4
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°	407.8	61.5
0°-40°	505.1	76.2
0°-60°	596.4	90.0
0°-90°	663.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	663.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1132	
5°	1035	92
15°	598	168
25°	322	149
35°	154	97
45°	64	52
55°	43	39
65°	35	34
75°	23	23
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1131.7
2.5°	1105.0
5°	1035.1
7.5°	932.4
10°	815.4
12.5°	702.4
15°	597.7
17.5°	513.5
20°	441.6
22.5°	377.9
25°	322.4
27.5°	273.2
30°	228.0
32.5°	189.0
35°	154.0
37.5°	123.2
40°	98.6
42.5°	78.0
45°	63.7
47.5°	55.5
50°	49.3
52.5°	47.2
55°	43.1
57.5°	41.1
60°	39.0
62.5°	37.0
65°	34.9
67.5°	30.8
70°	28.8
72.5°	24.6
75°	22.6
77.5°	18.5
80°	16.4
82.5°	14.4
85°	8.2
87.5°	4.1
90°	0.0

(END OF REPORT)