

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: P1255031

Luminaire Tested: P3AS17R259035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255031
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

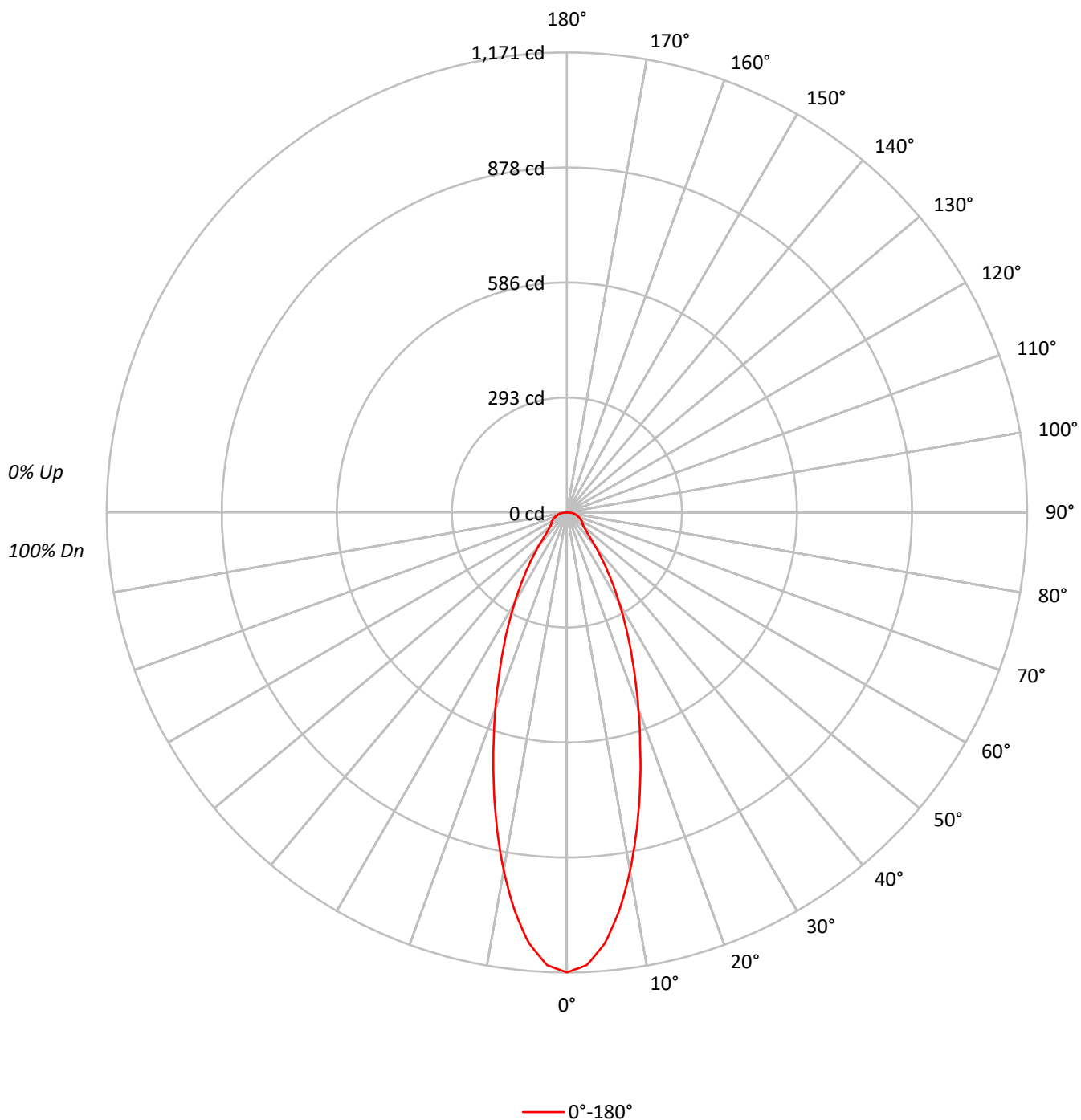
Lumens per Lamp: N/A
Luminaire Lumens: 764.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

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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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	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°	256712
5°	242526
10°	206142
15°	163270
20°	124097
25°	92570
30°	67327
35°	47622
40°	32318
45°	22545
50°	18933
55°	18274
60°	19297
65°	19872
70°	19619
75°	21096
80°	24119
85°	24153

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 25704 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.5	13.0
10°-20°	199.1	26.1
20°-30°	176.3	23.1
30°-40°	112.3	14.7
40°-50°	59.4	7.8
50°-60°	43.6	5.7
60°-70°	37.2	4.9
70°-80°	26.3	3.4
80°-90°	10.4	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°	474.8	62.1
0°-40°	587.1	76.8
0°-60°	690.2	90.3
0°-90°	764.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	764.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1171	
5°	1102	99
15°	719	199
25°	383	176
35°	178	112
45°	73	59
55°	48	44
65°	38	37
75°	25	26
85°	10	10
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1170.7
2.5°	1153.5
5°	1101.8
7.5°	1021.5
10°	925.8
12.5°	822.5
15°	719.2
17.5°	619.8
20°	531.8
22.5°	451.4
25°	382.6
27.5°	321.4
30°	265.9
32.5°	218.1
35°	177.9
37.5°	141.6
40°	112.9
42.5°	89.9
45°	72.7
47.5°	63.1
50°	55.5
52.5°	51.6
55°	47.8
57.5°	45.9
60°	44.0
62.5°	40.2
65°	38.3
67.5°	34.4
70°	30.6
72.5°	28.7
75°	24.9
77.5°	21.0
80°	19.1
82.5°	15.3
85°	9.6
87.5°	3.8
90°	0.0

(END OF REPORT)