

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: P1265771

Luminaire Tested: P3A20R259730D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265771
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: P3A20R259730D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

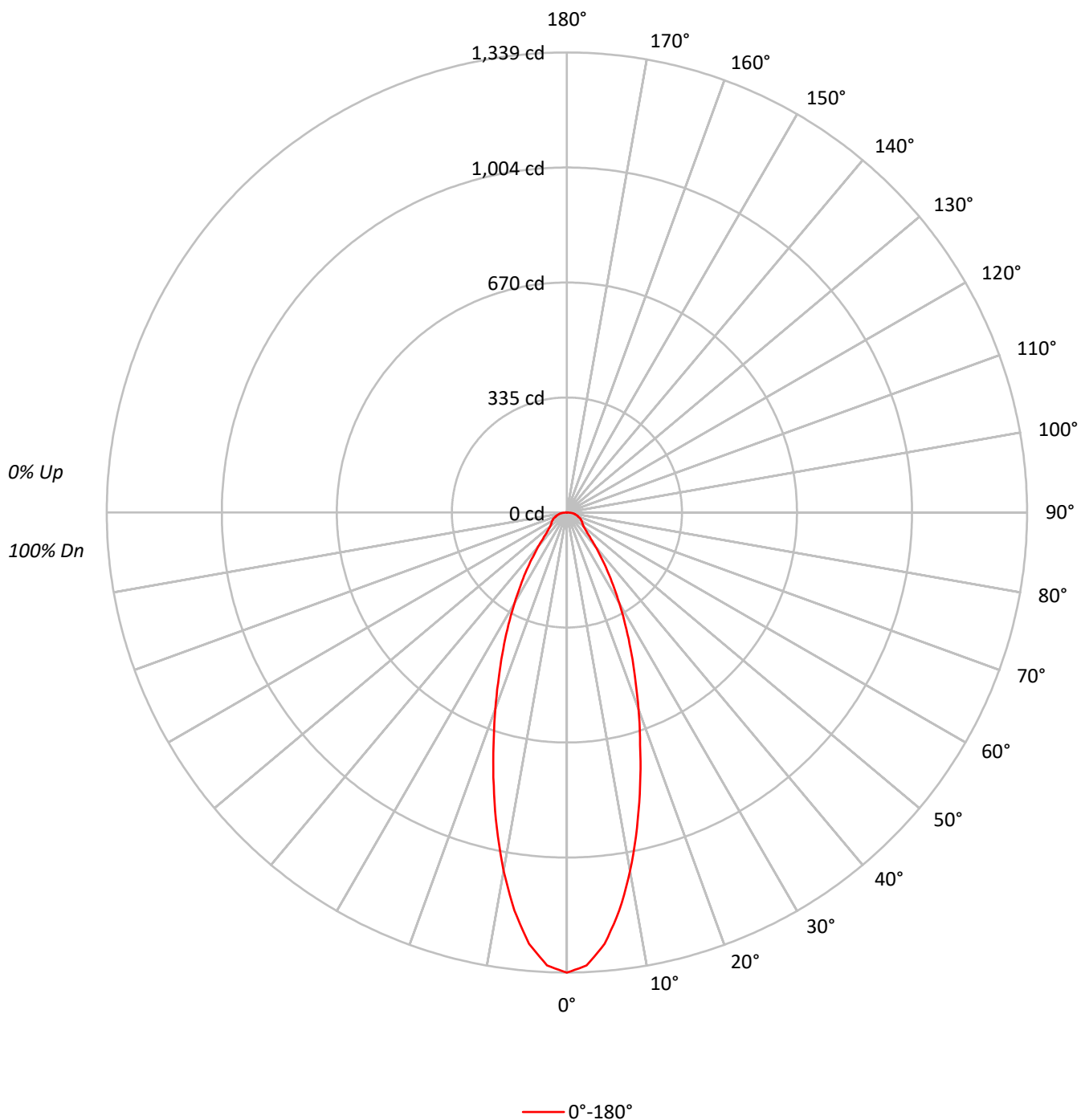
Lumens per Lamp: N/A
Luminaire Lumens: 874.0 lumens
Efficiency: N/A
Efficacy: 30.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	293661
5°	277437
10°	235823
15°	186789
20°	141949
25°	105901
30°	77025
35°	54475
40°	36955
45°	25801
50°	21662
55°	20912
60°	22060
65°	22726
70°	22440
75°	24061
80°	27655
85°	27424

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 29400 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.8	13.0
10°-20°	227.7	26.1
20°-30°	201.7	23.1
30°-40°	128.4	14.7
40°-50°	68.0	7.8
50°-60°	49.9	5.7
60°-70°	42.6	4.9
70°-80°	30.0	3.4
80°-90°	11.9	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°	543.2	62.1
0°-40°	671.6	76.8
0°-60°	789.5	90.3
0°-90°	874.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	874.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1339	
5°	1260	114
15°	823	228
25°	438	202
35°	204	128
45°	83	68
55°	55	50
65°	44	43
75°	28	30
85°	11	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1339.2
2.5°	1319.5
5°	1260.4
7.5°	1168.5
10°	1059.1
12.5°	941.0
15°	822.8
17.5°	709.0
20°	608.3
22.5°	516.4
25°	437.7
27.5°	367.6
30°	304.2
32.5°	249.5
35°	203.5
37.5°	161.9
40°	129.1
42.5°	102.8
45°	83.2
47.5°	72.2
50°	63.5
52.5°	59.1
55°	54.7
57.5°	52.5
60°	50.3
62.5°	46.0
65°	43.8
67.5°	39.4
70°	35.0
72.5°	32.8
75°	28.4
77.5°	24.1
80°	21.9
82.5°	17.5
85°	10.9
87.5°	4.4
90°	0.0

(END OF REPORT)