

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: P1263390

Luminaire Tested: P3AS20R259727D010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263390
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259727D010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

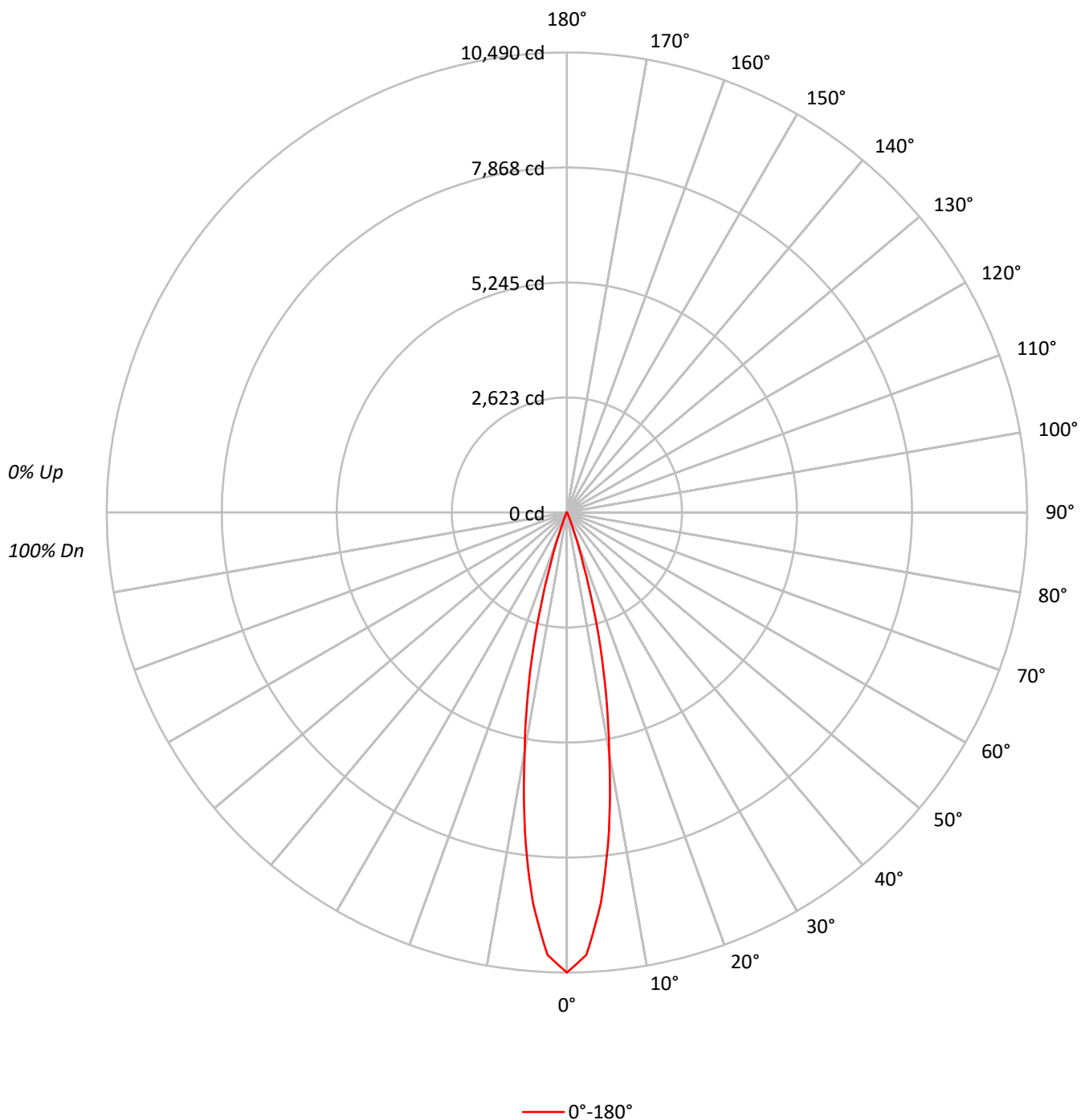
Lumens per Lamp: N/A
Luminaire Lumens: 1504.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.36 / 0.36 / 0.36
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	116	114	112	111		113	112	110	109		108	107	106		104	103	102		101	100	99
2	113	109	107	105		111	108	105	103		105	103	101		102	100	99		99	98	97
3	110	106	103	100		108	104	102	99		102	100	98		100	98	96		98	96	95
4	107	103	99	97		106	102	99	96		100	97	95		98	96	94		96	95	93
5	105	100	96	94		103	99	96	93		97	95	93		96	94	92		95	93	91
6	102	97	94	91		101	97	93	91		95	93	91		94	92	90		93	91	89
7	100	95	92	89		99	95	91	89		94	91	89		93	90	88		92	89	88
8	98	93	90	87		98	93	89	87		92	89	87		91	88	87		90	88	86
9	97	91	88	86		96	91	88	85		90	87	85		89	87	85		89	86	85
10	95	89	86	84		94	89	86	84		88	86	84		88	85	83		87	85	83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2300298
5°	1964622
10°	1238610
15°	576462
20°	118707
25°	24219
30°	5165
35°	1098
40°	573
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	743.8	49.5
10°-20°	690.8	45.9
20°-30°	65.4	4.3
30°-40°	3.8	0.3
40°-50°	0.2	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1500.0	99.7
0°-40°	1503.8	100.0
0°-60°	1504.0	100.0
0°-90°	1504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10490	
5°	8925	744
15°	2539	691
25°	100	65
35°	4	4
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	10490.2
2.5°	10100.0
5°	8925.3
7.5°	7338.0
10°	5562.7
12.5°	4018.3
15°	2539.3
17.5°	1227.8
20°	508.7
22.5°	202.2
25°	100.1
27.5°	47.0
30°	20.4
32.5°	8.2
35°	4.1
37.5°	2.0
40°	2.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)