

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: P1255563

Luminaire Tested: P3AS20R609035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255563
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

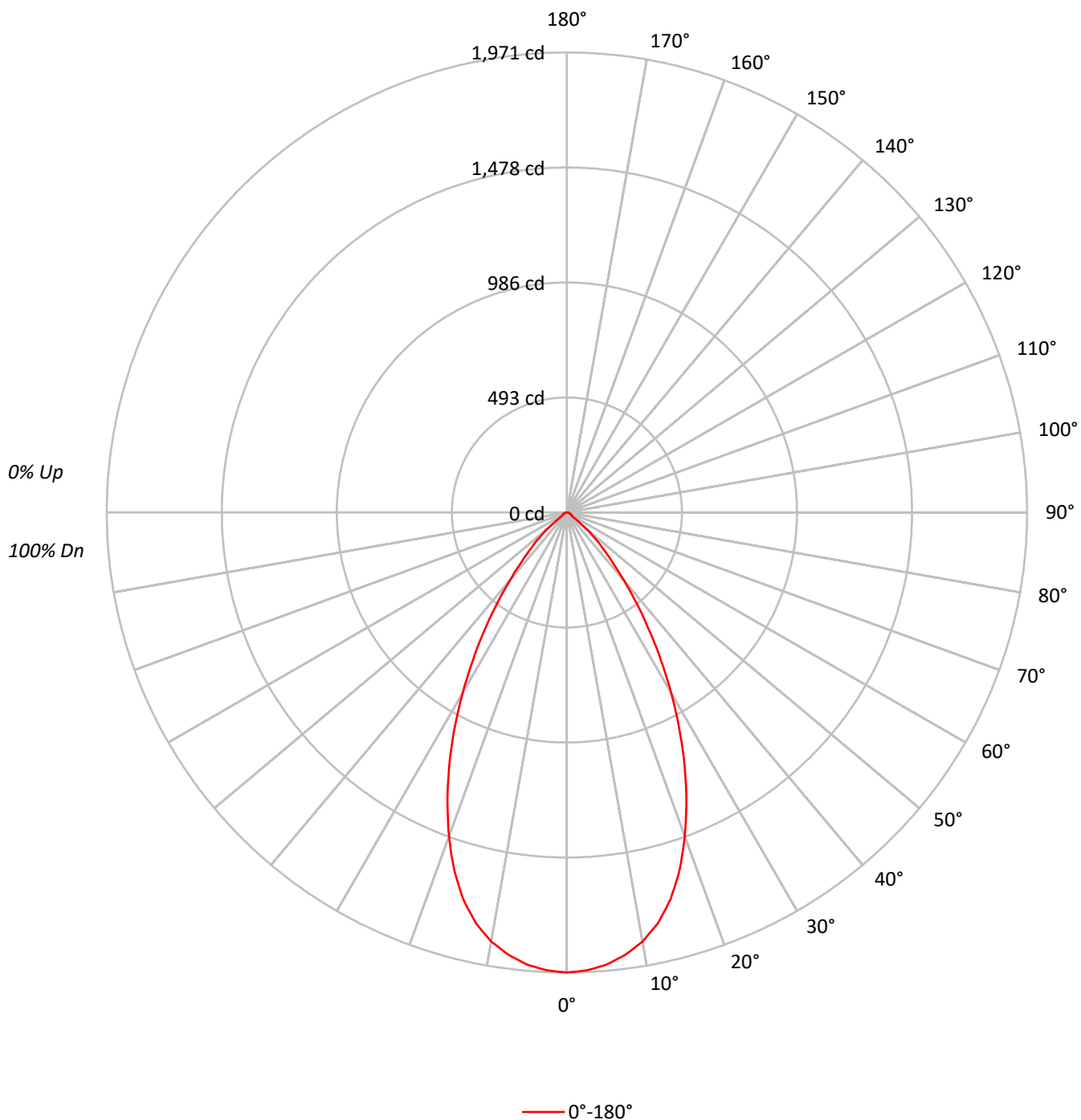
Lumens per Lamp: N/A
Luminaire Lumens: 1830.0 lumens
Efficiency: N/A
Efficacy: 63.5 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255563

CATALOG NUMBER: P3AS20R609035D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1255563

CATALOG NUMBER: P3AS20R609035D010 E3DL1MW

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	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	432115
5°	428020
10°	415557
15°	389333
20°	344593
25°	288259
30°	225933
35°	163881
40°	109033
45°	67976
50°	36775
55°	10628
60°	9911
65°	9028
70°	8912
75°	8811
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67976 cd/sqm

TEST NUMBER: P1255563

CATALOG NUMBER: P3AS20R609035D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.1	10.0
10°-20°	475.8	26.0
20°-30°	542.3	29.6
30°-40°	384.6	21.0
40°-50°	174.5	9.5
50°-60°	37.0	2.0
60°-70°	17.9	1.0
70°-80°	11.0	0.6
80°-90°	3.8	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°	1201.2	65.6
0°-40°	1585.8	86.7
0°-60°	1797.3	98.2
0°-90°	1830.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1830.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1971	
5°	1944	183
15°	1715	476
25°	1191	542
35°	612	385
45°	219	175
55°	28	37
65°	17	18
75°	10	11
85°	4	4
90°	0	

TEST NUMBER: P1255563

CATALOG NUMBER: P3AS20R609035D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1970.6
2.5°	1963.7
5°	1944.5
7.5°	1911.5
10°	1866.3
12.5°	1801.9
15°	1715.0
17.5°	1605.4
20°	1476.7
22.5°	1337.5
25°	1191.4
27.5°	1041.8
30°	892.3
32.5°	749.6
35°	612.2
37.5°	490.5
40°	380.9
42.5°	288.7
45°	219.2
47.5°	163.5
50°	107.8
52.5°	50.4
55°	27.8
57.5°	24.4
60°	22.6
62.5°	20.9
65°	17.4
67.5°	15.7
70°	13.9
72.5°	12.2
75°	10.4
77.5°	8.7
80°	7.0
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)