

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: P1268310

Luminaire Tested: P3AS20R559735D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268310
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559735D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

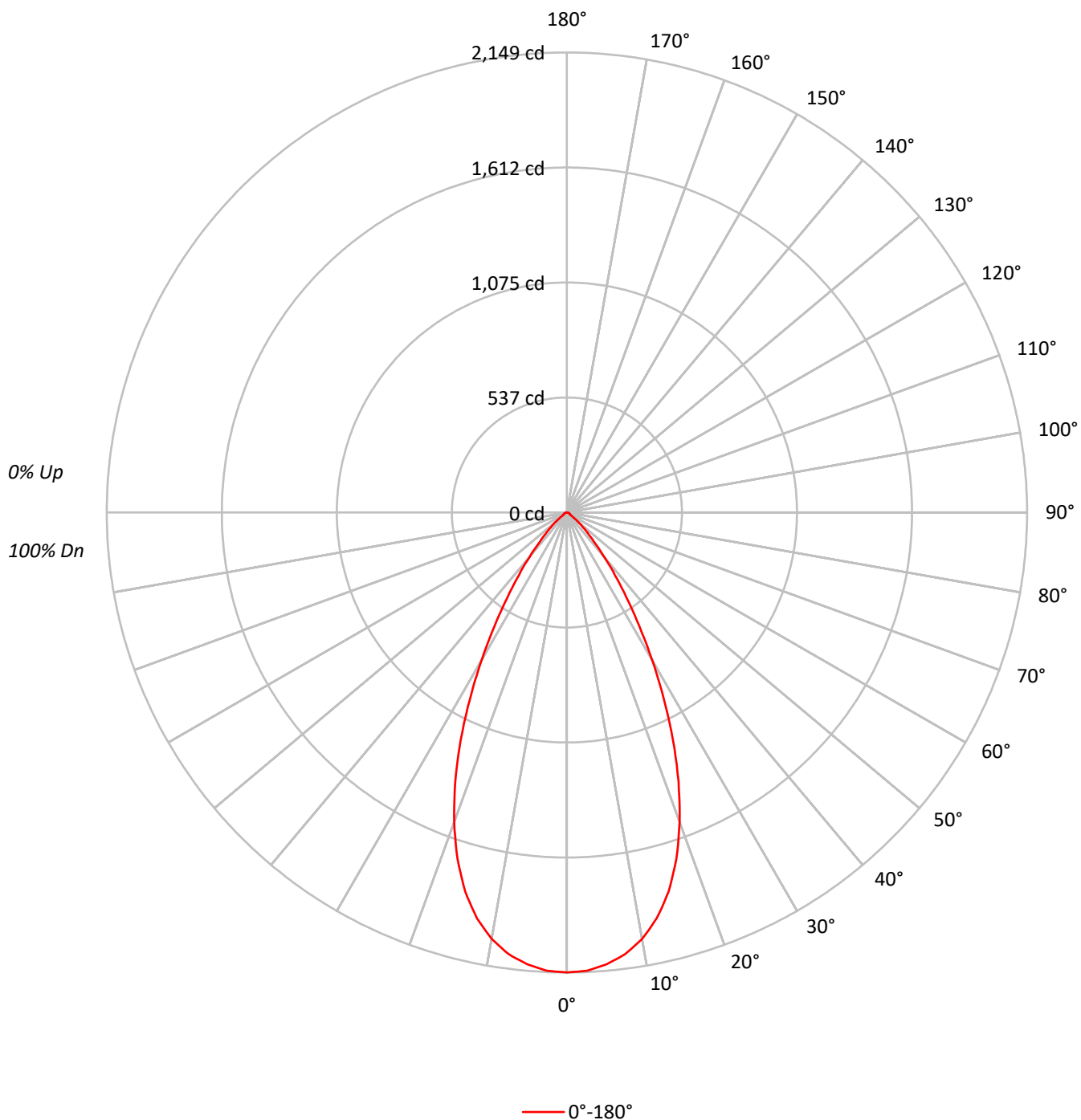
Lumens per Lamp: N/A
Luminaire Lumens: 1716.0 lumens
Efficiency: N/A
Efficacy: 59.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1268310

CATALOG NUMBER: P3AS20R559735D010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1268310

CATALOG NUMBER: P3AS20R559735D010 E3DL1WMH

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	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	471190
5°	466409
10°	450426
15°	416347
20°	359271
25°	283758
30°	201297
35°	129804
40°	77946
45°	43943
50°	23641
55°	8411
60°	7587
65°	7368
70°	7052
75°	6693
80°	5935
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 43943 cd/sqm

TEST NUMBER: P1268310

CATALOG NUMBER: P3AS20R559735D010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.3	11.6
10°-20°	507.1	29.6
20°-30°	531.5	31.0
30°-40°	310.1	18.1
40°-50°	116.0	6.8
50°-60°	27.3	1.6
60°-70°	14.0	0.8
70°-80°	8.3	0.5
80°-90°	2.4	0.1
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°	1237.9	72.1
0°-40°	1548.0	90.2
0°-60°	1691.3	98.6
0°-90°	1716.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1716.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2149	
5°	2119	199
15°	1834	507
25°	1173	531
35°	485	310
45°	142	116
55°	22	27
65°	14	14
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1268310

CATALOG NUMBER: P3AS20R559735D010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	2148.8
2.5°	2142.6
5°	2118.9
7.5°	2081.2
10°	2022.9
12.5°	1941.0
15°	1834.0
17.5°	1698.6
20°	1539.6
22.5°	1361.7
25°	1172.8
27.5°	979.2
30°	795.0
32.5°	628.1
35°	484.9
37.5°	368.4
40°	272.3
42.5°	195.2
45°	141.7
47.5°	102.3
50°	69.3
52.5°	39.4
55°	22.0
57.5°	18.9
60°	17.3
62.5°	15.7
65°	14.2
67.5°	12.6
70°	11.0
72.5°	9.4
75°	7.9
77.5°	6.3
80°	4.7
82.5°	3.1
85°	1.6
87.5°	1.6
90°	0.0

(END OF REPORT)