

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: P1276808

Luminaire Tested: P3AS20R359835D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276808
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359835D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

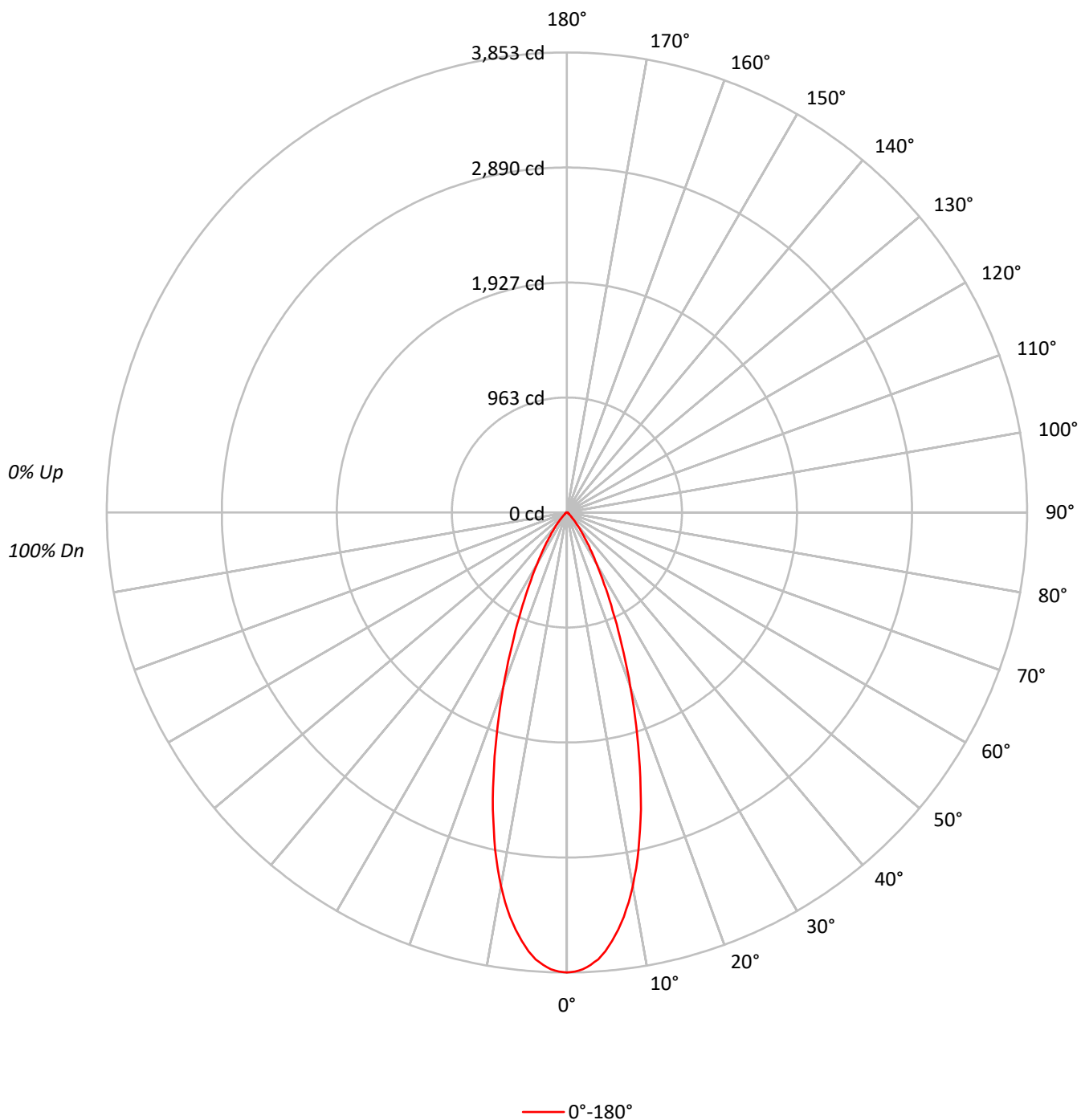
Lumens per Lamp: N/A
Luminaire Lumens: 1675.1 lumens
Efficiency: N/A
Efficacy: 61.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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: P1276808

CATALOG NUMBER: P3AS20R359835D010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1276808

CATALOG NUMBER: P3AS20R359835D010 E3DL1LI

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	844801
5°	811906
10°	707402
15°	541842
20°	362515
25°	219351
30°	125867
35°	70376
40°	37413
45°	19258
50°	9245
55°	7302
60°	6973
65°	5811
70°	6155
75°	5422
80°	6061
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19258 cd/sqm

TEST NUMBER: P1276808

CATALOG NUMBER: P3AS20R359835D010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	335.6	20.0
10°-20°	650.3	38.8
20°-30°	425.8	25.4
30°-40°	172.7	10.3
40°-50°	51.8	3.1
50°-60°	17.6	1.1
60°-70°	11.8	0.7
70°-80°	7.0	0.4
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°	1411.7	84.3
0°-40°	1584.5	94.6
0°-60°	1653.9	98.7
0°-90°	1675.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1675.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3853	
5°	3688	336
15°	2387	650
25°	907	426
35°	263	173
45°	62	52
55°	19	18
65°	11	12
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1276808

CATALOG NUMBER: P3AS20R359835D010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	3852.6
1°	3846.2
2°	3828.7
3°	3793.6
4°	3752.2
5°	3688.5
6°	3608.8
7°	3519.6
8°	3419.2
9°	3304.5
10°	3177.0
11°	3035.2
12°	2887.0
13°	2721.3
14°	2563.6
15°	2386.8
17.5°	1958.2
20°	1553.5
22.5°	1195.0
25°	906.6
27.5°	675.6
30°	497.1
32.5°	364.9
35°	262.9
37.5°	186.4
40°	130.7
42.5°	90.8
45°	62.1
47.5°	41.4
50°	27.1
52.5°	20.7
55°	19.1
57.5°	17.5
60°	15.9
62.5°	14.3
65°	11.2
67.5°	9.6
70°	9.6
72.5°	8.0
75°	6.4
77.5°	4.8
80°	4.8
82.5°	3.2
85°	1.6
87.5°	1.6



TEST NUMBER: P1276808

CATALOG NUMBER: P3AS20R359835D010 E3DL1LI

CANDELA DISTRIBUTION (continued):



(END OF REPORT)