

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: P1272849

Luminaire Tested: P3AS20R659827D010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272849
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659827D010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

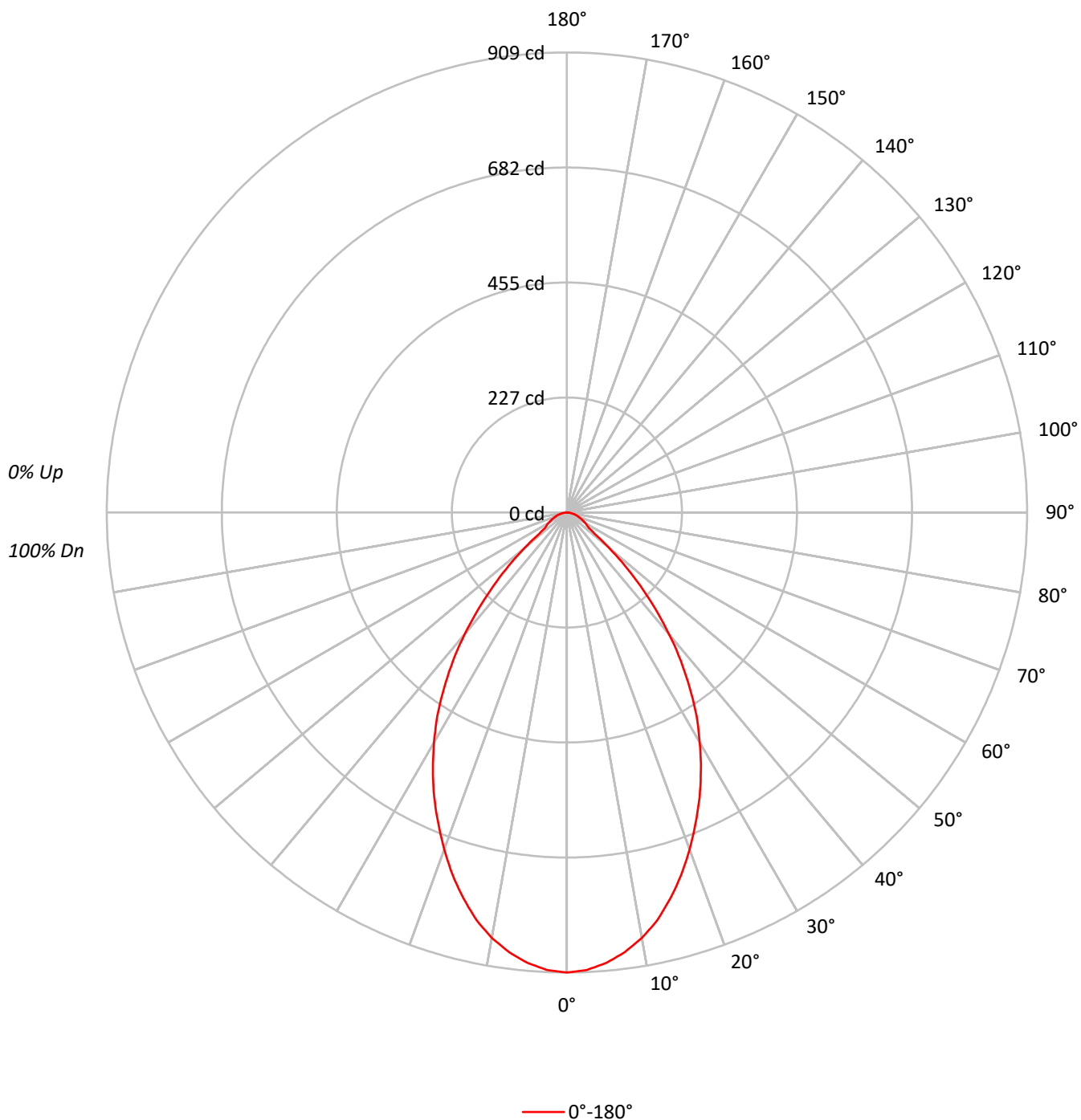
Lumens per Lamp: N/A
Luminaire Lumens: 1120.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1272849

CATALOG NUMBER: P3AS20R659827D010 E3DLD1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1272849

CATALOG NUMBER: P3AS20R659827D010 E3DLD1WH

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	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	199304
5°	196632
10°	190021
15°	179206
20°	165308
25°	150057
30°	132907
35°	113100
40°	89997
45°	63510
50°	36877
55°	20109
60°	18727
65°	16967
70°	15515
75°	14488
80°	12628
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 63510 cd/sqm

TEST NUMBER: P1272849

CATALOG NUMBER: P3AS20R659827D010 E3DLD1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.0	7.5
10°-20°	220.9	19.7
20°-30°	283.8	25.3
30°-40°	262.6	23.4
40°-50°	158.5	14.2
50°-60°	54.1	4.8
60°-70°	32.5	2.9
70°-80°	18.4	1.6
80°-90°	5.2	0.5
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°	588.7	52.6
0°-40°	851.3	76.0
0°-60°	1063.9	95.0
0°-90°	1120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1120.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	909	
5°	893	84
15°	789	221
25°	620	284
35°	422	263
45°	205	159
55°	53	54
65°	33	33
75°	17	18
85°	4	5
90°	0	

TEST NUMBER: P1272849

CATALOG NUMBER: P3AS20R659827D010 E3DLD1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	908.9
2.5°	904.7
5°	893.3
7.5°	876.2
10°	853.4
12.5°	825.0
15°	789.4
17.5°	751.0
20°	708.4
22.5°	664.3
25°	620.2
27.5°	573.2
30°	524.9
32.5°	476.5
35°	422.5
37.5°	369.8
40°	314.4
42.5°	258.9
45°	204.8
47.5°	155.0
50°	108.1
52.5°	68.3
55°	52.6
57.5°	46.9
60°	42.7
62.5°	37.0
65°	32.7
67.5°	28.4
70°	24.2
72.5°	21.3
75°	17.1
77.5°	14.2
80°	10.0
82.5°	7.1
85°	4.3
87.5°	2.8
90°	0.0

(END OF REPORT)