

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: P1265697

Luminaire Tested: P3A20R159730D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265697
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R159730D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

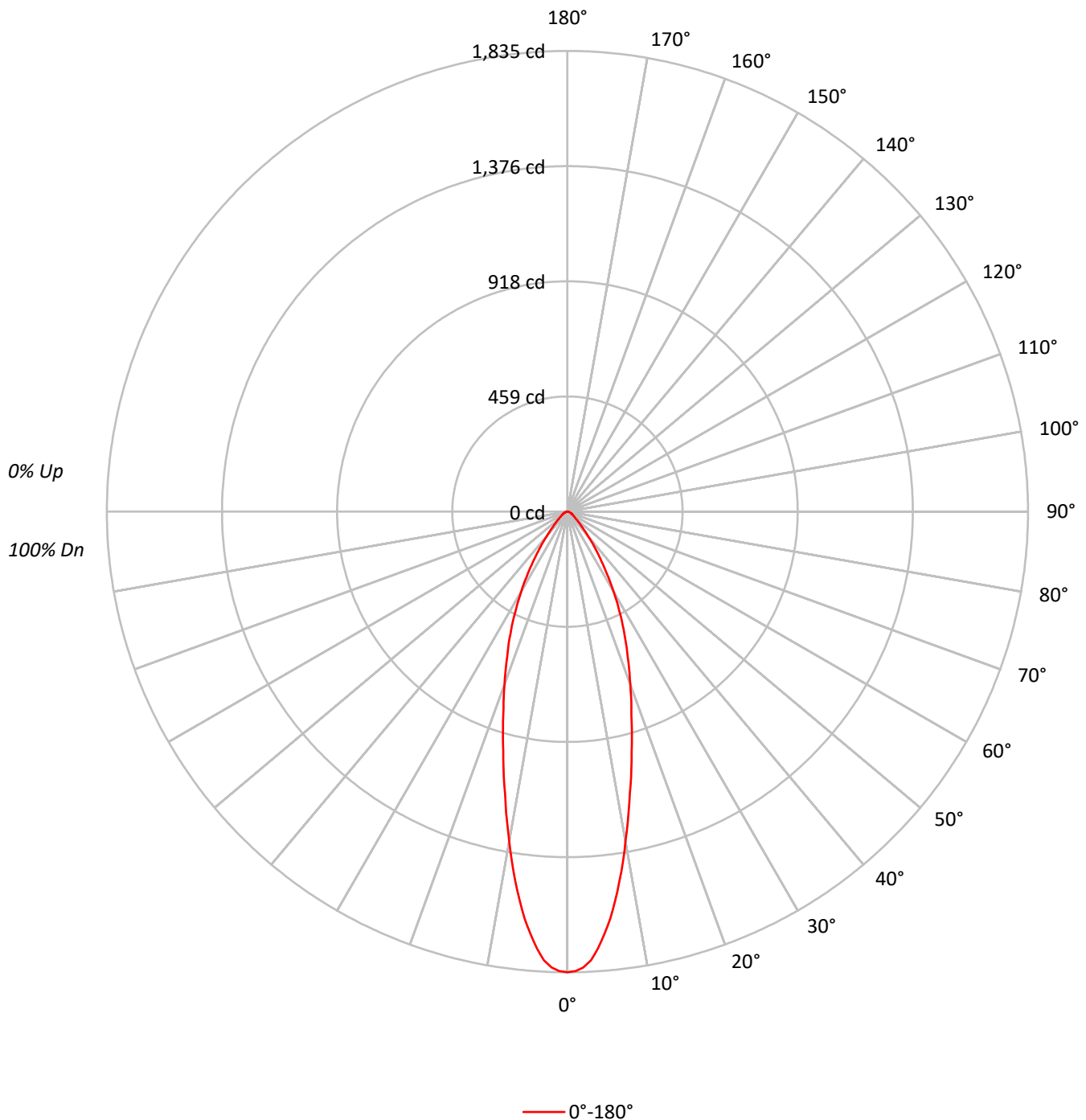
Lumens per Lamp: N/A
Luminaire Lumens: 933.0 lumens
Efficiency: N/A
Efficacy: 32.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	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	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	402336
5°	371846
10°	296877
15°	224246
20°	170768
25°	130145
30°	93230
35°	60846
40°	37298
45°	22545
50°	14976
55°	11584
60°	9955
65°	8665
70°	7758
75°	7710
80°	5683
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22545 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.6	16.0
10°-20°	276.1	29.6
20°-30°	245.8	26.3
30°-40°	145.4	15.6
40°-50°	59.7	6.4
50°-60°	28.0	3.0
60°-70°	17.1	1.8
70°-80°	9.0	1.0
80°-90°	2.2	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°	671.6	72.0
0°-40°	817.0	87.6
0°-60°	904.7	97.0
0°-90°	933.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	933.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1835	
5°	1689	150
15°	988	276
25°	538	246
35°	227	145
45°	73	60
55°	30	28
65°	17	17
75°	9	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1834.8
1°	1830.2
2°	1816.6
3°	1789.3
4°	1743.9
5°	1689.3
6°	1630.2
7°	1560.5
8°	1487.8
9°	1413.6
10°	1333.3
12.5°	1150.0
15°	987.8
17.5°	848.5
20°	731.8
22.5°	628.8
25°	537.9
27.5°	450.0
30°	368.2
32.5°	293.9
35°	227.3
37.5°	174.2
40°	130.3
42.5°	97.0
45°	72.7
47.5°	56.1
50°	43.9
52.5°	36.4
55°	30.3
57.5°	25.8
60°	22.7
62.5°	19.7
65°	16.7
67.5°	15.2
70°	12.1
72.5°	10.6
75°	9.1
77.5°	6.1
80°	4.5
82.5°	3.0
85°	1.5
87.5°	1.5
90°	0.0

(END OF REPORT)