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: P1282812

Luminaire Tested: P3AS09R20B2750DE010 E3DLP1WH_2700K

Issue Date: 1/30/2026

COOPER Lighting Solutions
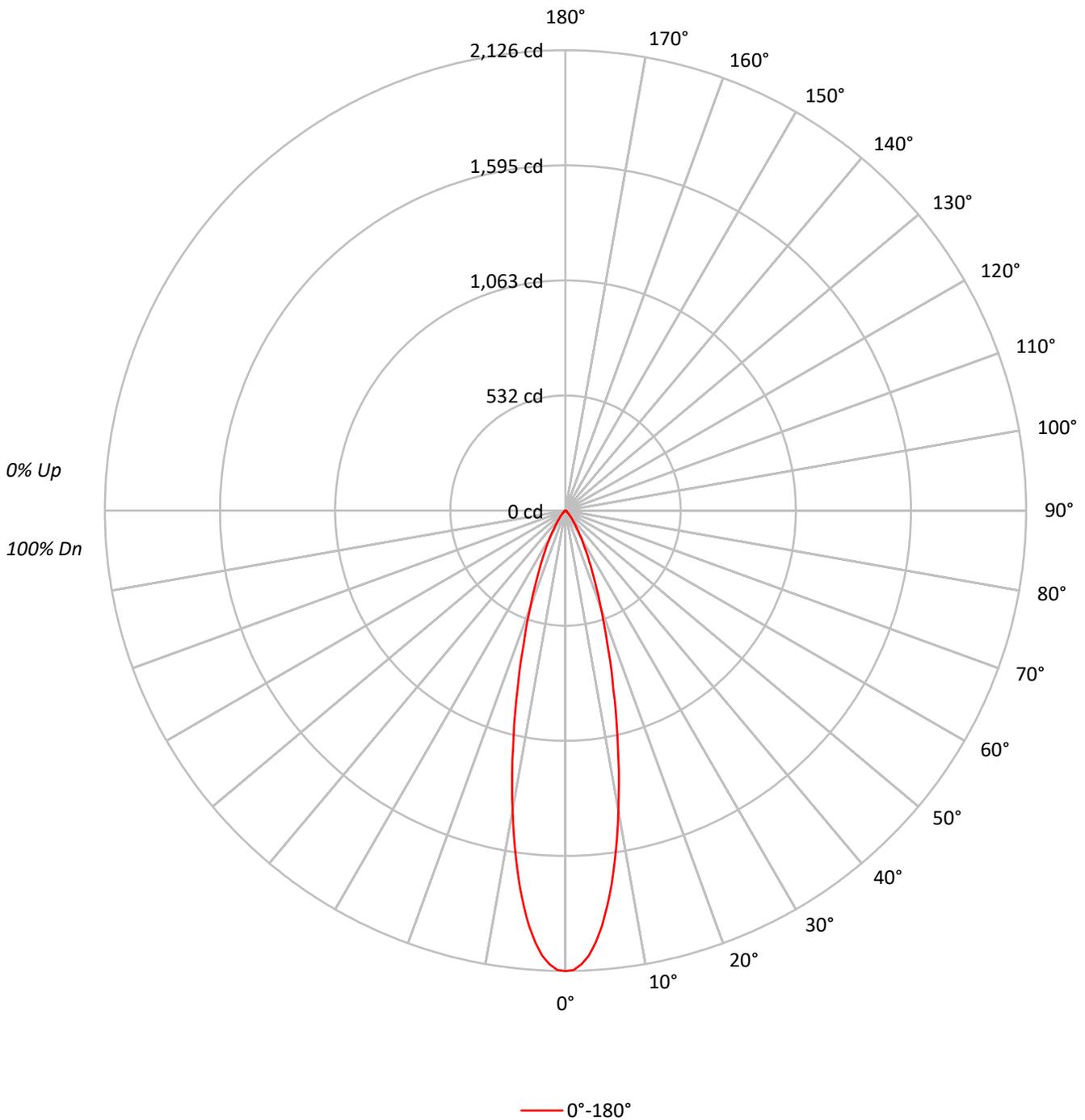
Test Information

Test Method:	LM-79-2019
Report Number:	P1282812
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R20B2750DE010 E3DLP1WH_2700K
Description:	3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3DLP1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	606.0 lumens
Efficiency:	N/A
Efficacy:	46.3 lumens/watt
Spacing Criteria (0/90/45):	0.44 / 0.44 / 0.46
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct
Input Watts (W):	13.1
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

Scaled Data Report

COOPER
Lighting Solutions

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Luminous Intensity Polar Plot

0°-180°

Scaled Data Report

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	466257
5°	423838
10°	313243
15°	193758
20°	110656
25°	63173
30°	35423
35°	19274
40°	10563
45°	5799
50°	3411
55°	2447
60°	2324
65°	2127
70°	1859
75°	1949
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5799 cd/sqm

TEST NUMBER: P1282812
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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.7	27.5
10°-20°	238.0	39.3
20°-30°	124.2	20.5
30°-40°	48.0	7.9
40°-50°	15.6	2.6
50°-60°	6.1	1.0
60°-70°	4.1	0.7
70°-80°	2.4	0.4
80°-90°	0.8	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°	529.0	87.3
0°-40°	577.0	95.2
0°-60°	598.8	98.8
0°-90°	606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2126	
5°	1926	167
15°	854	238
25°	261	124
35°	72	48
45°	19	16
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2126.3
1°	2122.2
2°	2097.0
3°	2058.4
4°	1998.6
5°	1925.5
6°	1838.8
7°	1742.8
8°	1631.6
9°	1523.3
10°	1406.8
12.5°	1118.2
15°	853.5
17.5°	638.7
20°	474.2
22.5°	351.3
25°	261.1
27.5°	192.6
30°	139.9
32.5°	101.3
35°	72.0
37.5°	52.1
40°	36.9
42.5°	26.3
45°	18.7
47.5°	13.5
50°	10.0
52.5°	7.6
55°	6.4
57.5°	5.9
60°	5.3
62.5°	4.7
65°	4.1
67.5°	3.5
70°	2.9
72.5°	2.9
75°	2.3
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)