

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: P1282817

Luminaire Tested: P3AS09R20B2750DE010 E3PH1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282817
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R20B2750DE010 E3PH1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

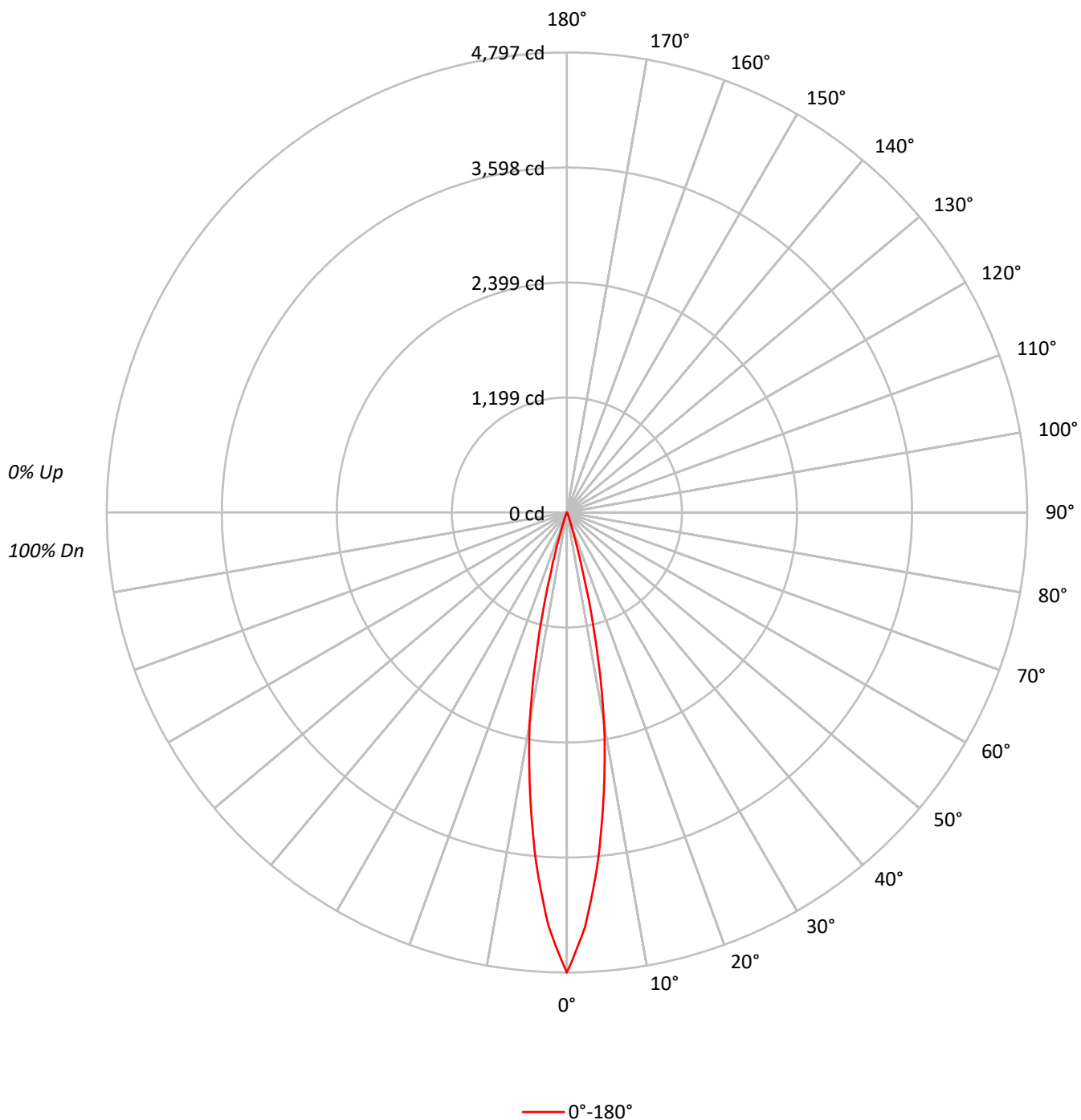
Lumens per Lamp: N/A
Luminaire Lumens: 529.0 lumens
Efficiency: N/A
Efficacy: 40.4 lumens/watt
Spacing Criteria (0/90/45): 0.32 / 0.32 / 0.32
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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					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	116	114	112	111		113	112	110	109		108	107	106		104	104	103		101	100	100		98			
2	113	110	107	105		111	108	106	104		105	104	102		102	101	100		100	99	98		97			
3	110	107	104	101		109	105	103	101		103	101	99		101	99	98		99	97	96		95			
4	108	104	101	98		107	103	100	98		101	98	97		99	97	95		97	96	94		93			
5	106	101	98	96		105	100	97	95		99	96	94		97	95	94		96	94	93		92			
6	104	99	96	93		103	98	95	93		97	94	93		96	94	92		95	93	91		91			
7	102	97	94	92		101	96	93	91		95	93	91		95	92	90		94	92	90		89			
8	100	95	92	90		99	95	92	90		94	91	89		93	91	89		92	90	89		88			
9	99	94	90	88		98	93	90	88		92	90	88		92	89	88		91	89	88		87			
10	97	92	89	87		96	92	89	87		91	88	87		91	88	87		90	88	86		86			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1051933
5°	807966
10°	497764
15°	144859
20°	19322
25°	5734
30°	1722
35°	214
40°	229
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	305.7	57.8
10°-20°	208.5	39.4
20°-30°	13.4	2.5
30°-40°	1.3	0.2
40°-50°	0.1	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	527.6	99.7
0°-40°	528.9	100.0
0°-60°	529.0	100.0
0°-90°	529.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	529.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4797	
5°	3671	306
15°	638	209
25°	24	13
35°	1	1
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4797.2
2.5°	4325.6
5°	3670.6
7.5°	2944.6
10°	2235.5
12.5°	1402.1
15°	638.1
17.5°	202.0
20°	82.8
22.5°	43.9
25°	23.7
27.5°	11.8
30°	6.8
32.5°	3.4
35°	0.8
37.5°	0.8
40°	0.8
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)