

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: P1282828

Luminaire Tested: P3AS09R20B2750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282828
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R20B2750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

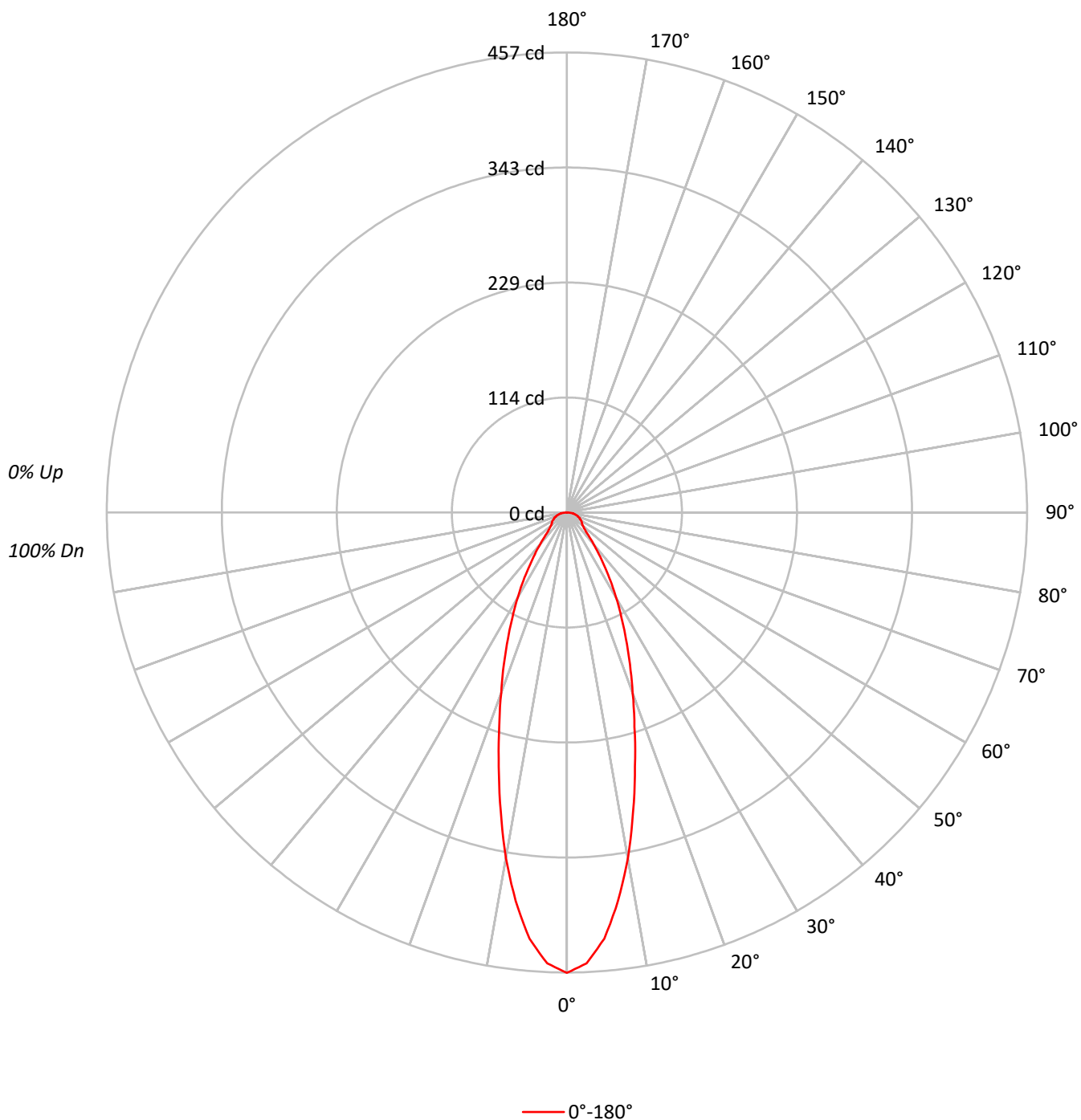
Lumens per Lamp: N/A
Luminaire Lumens: 282.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100277
5°	93550
10°	77620
15°	59342
20°	44547
25°	33534
30°	24789
35°	17320
40°	11879
45°	8249
50°	7062
55°	6996
60°	7280
65°	7316
70°	7437
75°	7710
80°	8334
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 9744 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.1	13.5
10°-20°	72.7	25.8
20°-30°	63.9	22.7
30°-40°	41.3	14.6
40°-50°	21.9	7.8
50°-60°	16.4	5.8
60°-70°	14.0	5.0
70°-80°	9.8	3.5
80°-90°	3.8	1.4
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°	174.7	62.0
0°-40°	216.0	76.6
0°-60°	254.3	90.2
0°-90°	282.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	457	
5°	425	38
15°	261	73
25°	139	64
35°	65	41
45°	27	22
55°	18	16
65°	14	14
75°	9	10
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	457.3
2.5°	448.2
5°	425.0
7.5°	389.3
10°	348.6
12.5°	303.8
15°	261.4
17.5°	223.3
20°	190.9
22.5°	163.5
25°	138.6
27.5°	117.0
30°	97.9
32.5°	80.5
35°	64.7
37.5°	52.3
40°	41.5
42.5°	33.2
45°	26.6
47.5°	23.2
50°	20.7
52.5°	19.1
55°	18.3
57.5°	17.4
60°	16.6
62.5°	14.9
65°	14.1
67.5°	13.3
70°	11.6
72.5°	10.8
75°	9.1
77.5°	8.3
80°	6.6
82.5°	5.8
85°	3.3
87.5°	1.7
90°	0.0

(END OF REPORT)