

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: P1283150

Luminaire Tested: P3AS09R30B2750DE010 E3PHLP1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283150
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3PHLP1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

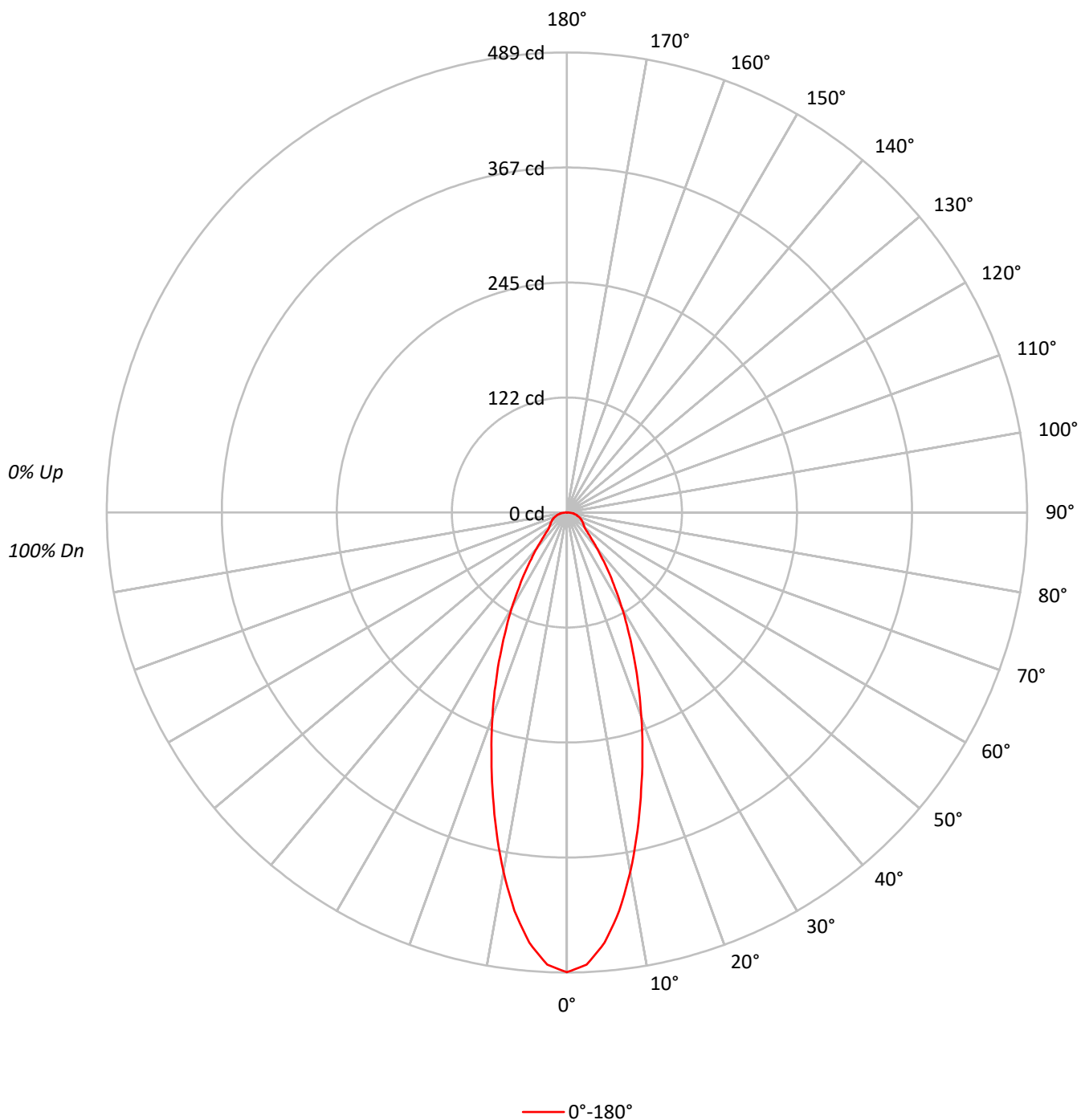
Lumens per Lamp: N/A
Luminaire Lumens: 330.0 lumens
Efficiency: N/A
Efficacy: 25.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94		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	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	76	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	58	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107141
5°	101034
10°	86349
15°	69217
20°	53951
25°	40575
30°	29599
35°	20853
40°	14313
45°	10234
50°	8392
55°	8105
60°	8157
65°	8354
70°	8655
75°	9320
80°	9597
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	12.6
10°-20°	84.7	25.7
20°-30°	77.2	23.4
30°-40°	49.1	14.9
40°-50°	26.3	8.0
50°-60°	19.2	5.8
60°-70°	16.1	4.9
70°-80°	11.3	3.4
80°-90°	4.5	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°	203.4	61.6
0°-40°	252.6	76.5
0°-60°	298.1	90.3
0°-90°	330.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	489	
5°	459	42
15°	305	85
25°	168	77
35°	78	49
45°	33	26
55°	21	19
65°	16	16
75°	11	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	488.6
2.5°	481.0
5°	459.0
7.5°	426.8
10°	387.8
12.5°	346.4
15°	304.9
17.5°	266.8
20°	231.2
22.5°	198.2
25°	167.7
27.5°	140.6
30°	116.9
32.5°	94.8
35°	77.9
37.5°	61.8
40°	50.0
42.5°	39.8
45°	33.0
47.5°	27.1
50°	24.6
52.5°	22.9
55°	21.2
57.5°	20.3
60°	18.6
62.5°	17.8
65°	16.1
67.5°	15.2
70°	13.5
72.5°	11.9
75°	11.0
77.5°	9.3
80°	7.6
82.5°	6.8
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)