

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: P1284711

Luminaire Tested: P3AS13R25B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284711
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R25B2750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

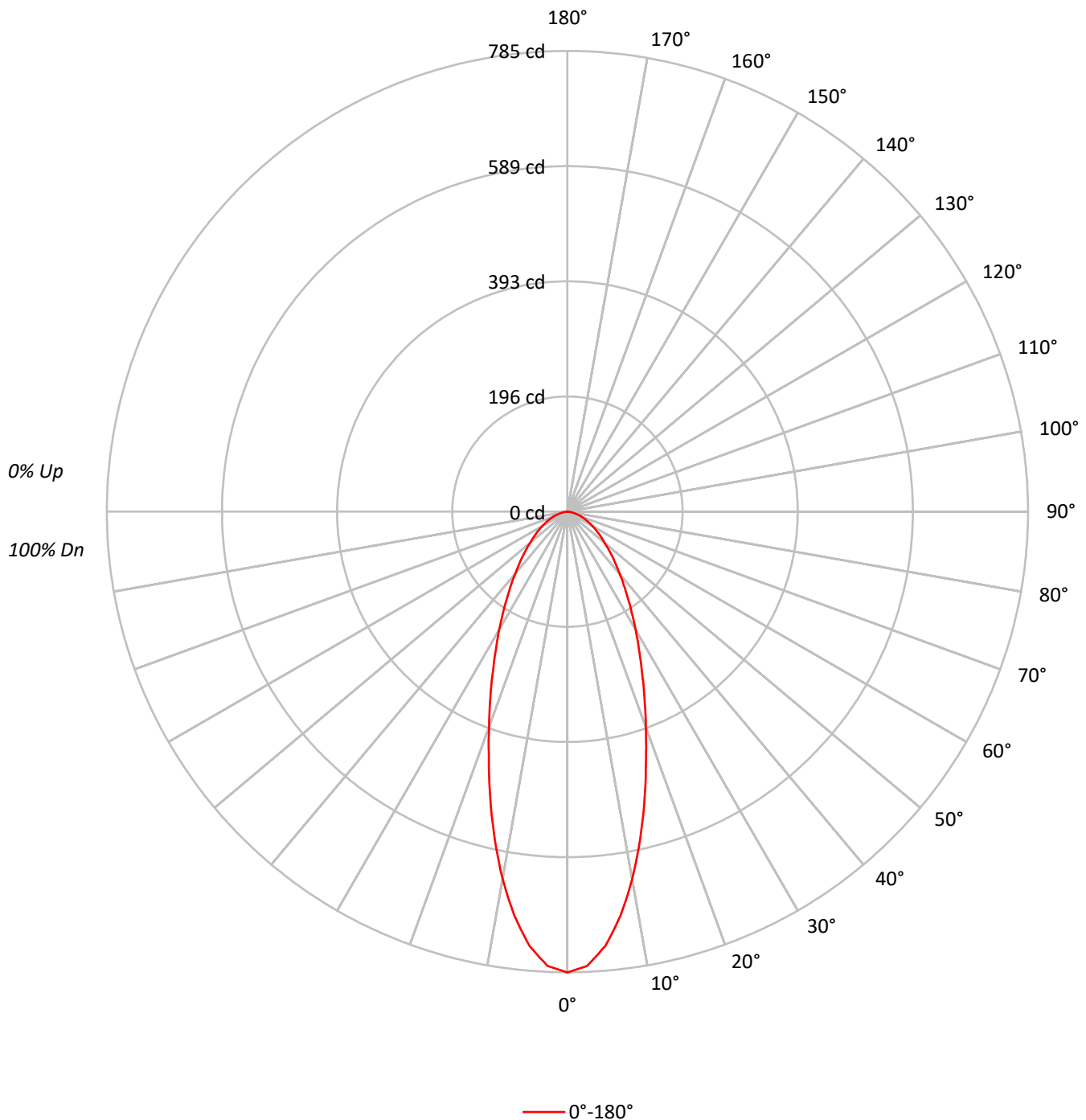
Lumens per Lamp: N/A
Luminaire Lumens: 660.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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	112	108	105	102	109	106	103	100	102	99	97		98	96	94		95	93	92		90
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87	84	82		80
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80	77	74		72
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74	70	67		65
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69	65	61		59
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65	60	56		55
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61	56	52		50
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57	52	48		47
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54	49	45		44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51	46	42		41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172201
5°	163460
10°	141592
15°	115256
20°	91078
25°	72609
30°	58870
35°	47944
40°	39732
45°	33492
50°	28315
55°	24926
60°	21840
65°	19094
70°	16734
75°	14064
80°	10481
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33492 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.4	10.2
10°-20°	140.8	21.3
20°-30°	138.8	21.0
30°-40°	113.0	17.1
40°-50°	83.8	12.7
50°-60°	58.5	8.9
60°-70°	36.6	5.6
70°-80°	17.7	2.7
80°-90°	3.4	0.5
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°	347.0	52.6
0°-40°	460.0	69.7
0°-60°	602.3	91.3
0°-90°	660.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	660.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	785	
5°	743	67
15°	508	141
25°	300	139
35°	179	113
45°	108	84
55°	65	59
65°	37	37
75°	17	18
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	785.3
2.5°	774.7
5°	742.6
7.5°	694.0
10°	635.9
12.5°	571.8
15°	507.7
17.5°	444.9
20°	390.3
22.5°	342.8
25°	300.1
27.5°	263.4
30°	232.5
32.5°	204.0
35°	179.1
37.5°	157.8
40°	138.8
42.5°	122.2
45°	108.0
47.5°	94.9
50°	83.0
52.5°	73.6
55°	65.2
57.5°	56.9
60°	49.8
62.5°	42.7
65°	36.8
67.5°	30.8
70°	26.1
72.5°	21.4
75°	16.6
77.5°	11.9
80°	8.3
82.5°	4.7
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)