

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: P1281351

Luminaire Tested: P3AS05R30B2750DE010 E3DL1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281351
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3DL1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

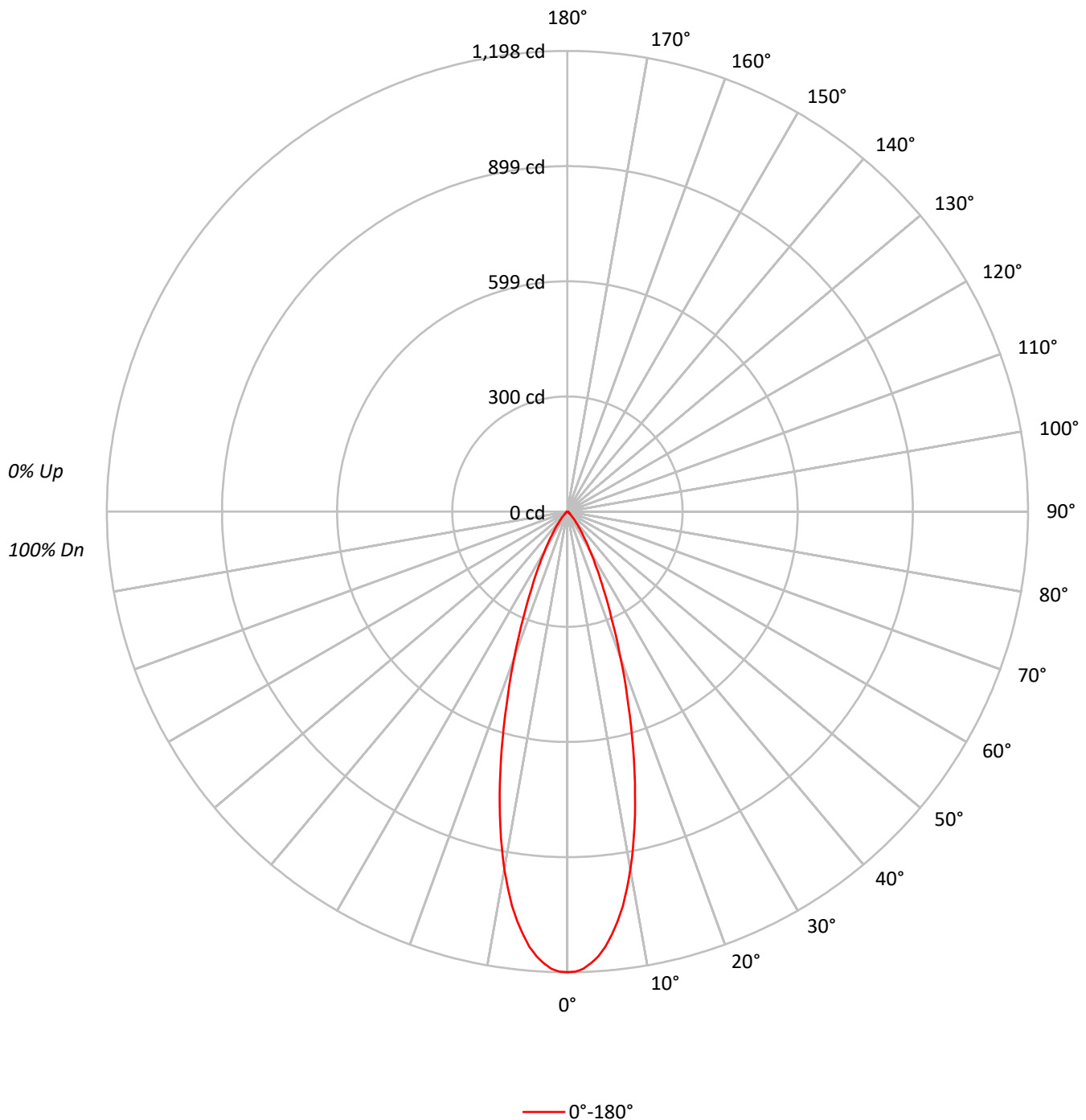
Lumens per Lamp: N/A
Luminaire Lumens: 450.1 lumens
Efficiency: N/A
Efficacy: 76.3 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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				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	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87		86
4	101	95	90	86	99	94	89	86	92	88	85		90	87	84		88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79		78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81	78	76		75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78	75	73		71
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76	72	70		69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	262589
5°	249922
10°	210217
15°	151601
20°	94042
25°	53495
30°	29701
35°	16169
40°	8530
45°	4621
50°	2456
55°	1644
60°	1491
65°	1557
70°	1346
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4621 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.2	22.7
10°-20°	181.7	40.4
20°-30°	105.0	23.3
30°-40°	39.9	8.9
40°-50°	12.2	2.7
50°-60°	4.1	0.9
60°-70°	2.8	0.6
70°-80°	1.5	0.3
80°-90°	0.5	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°	389.0	86.4
0°-40°	428.9	95.3
0°-60°	445.2	98.9
0°-90°	450.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	450.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1198	
5°	1135	102
15°	668	182
25°	221	105
35°	60	40
45°	15	12
55°	4	4
65°	3	3
75°	1	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1197.5
1°	1196.7
2°	1189.4
3°	1175.8
4°	1158.8
5°	1135.4
6°	1105.7
7°	1072.5
8°	1035.5
9°	991.3
10°	944.1
11°	893.1
12°	839.1
13°	782.6
14°	725.2
15°	667.8
17.5°	526.7
20°	403.0
22.5°	298.8
25°	221.1
27.5°	160.7
30°	117.3
32.5°	84.6
35°	60.4
37.5°	42.1
40°	29.8
42.5°	20.8
45°	14.9
47.5°	10.2
50°	7.2
52.5°	5.1
55°	4.3
57.5°	3.8
60°	3.4
62.5°	3.0
65°	3.0
67.5°	2.6
70°	2.1
72.5°	1.7
75°	1.3
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)