

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: P1284861

Luminaire Tested: P3AS13R30B2750DE010 E3DLP1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284861
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3DLP1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

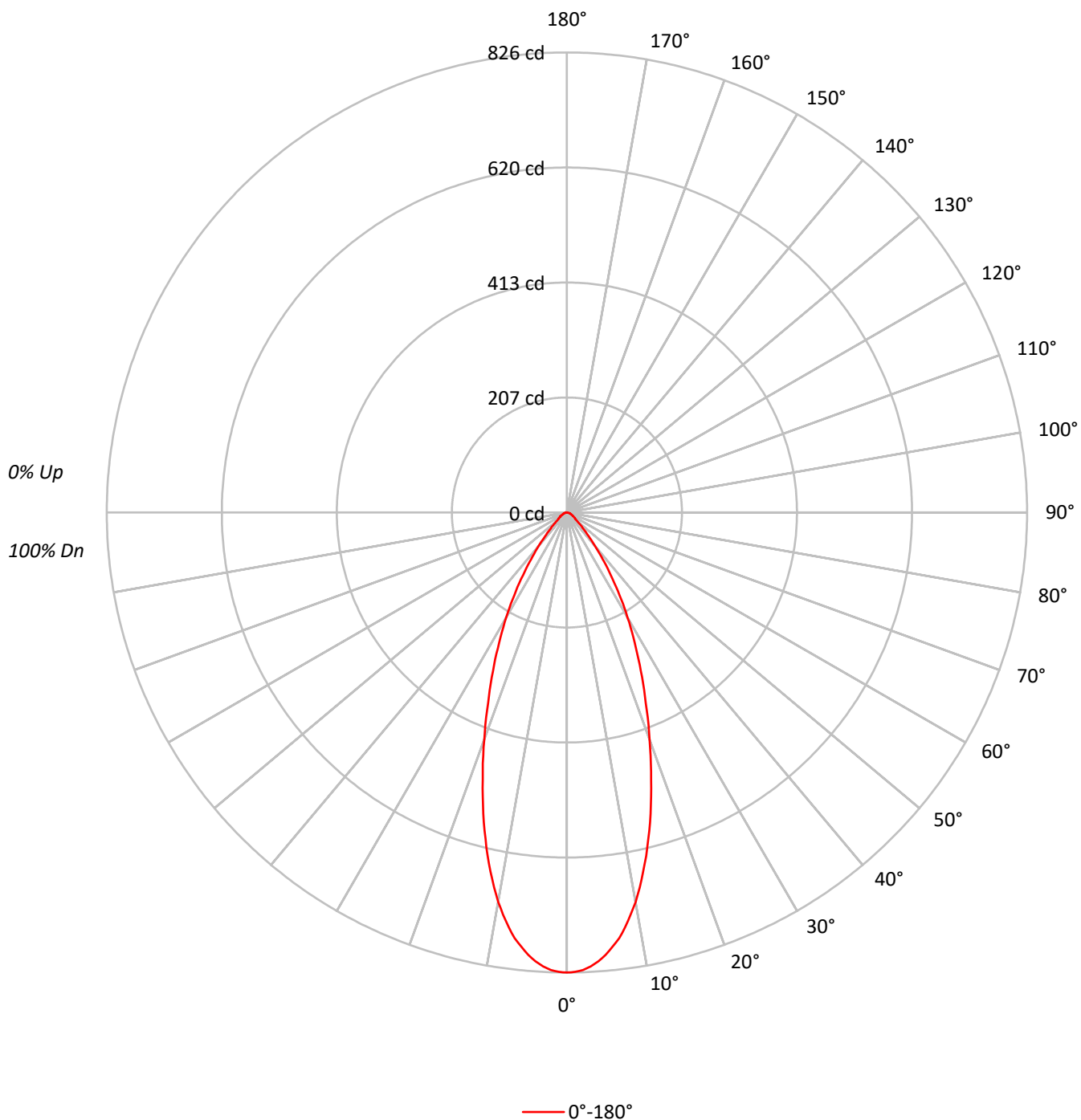
Lumens per Lamp: N/A
Luminaire Lumens: 530.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95
2	107	102	98	95		105	101	97	94		97	94	92		94	92	90		92	90	88
3	102	95	90	86		100	94	89	85		91	87	84		89	86	83		87	84	82
4	97	89	84	79		95	88	83	79		86	81	78		84	80	77		82	79	76
5	92	84	78	73		90	83	77	73		81	76	72		79	75	72		78	74	71
6	88	79	73	68		86	78	72	68		76	71	68		75	71	67		74	70	67
7	83	74	68	64		82	74	68	64		72	67	63		71	67	63		70	66	63
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59
9	76	67	61	57		75	66	60	57		65	60	56		64	60	56		63	59	56
10	73	63	58	54		72	63	57	54		62	57	54		61	57	53		61	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	181104
5°	175478
10°	158113
15°	130784
20°	101252
25°	75948
30°	55148
35°	36727
40°	22585
45°	13242
50°	8119
55°	6614
60°	5745
65°	4670
70°	4231
75°	4151
80°	3157
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.3	13.8
10°-20°	158.7	29.9
20°-30°	144.3	27.2
30°-40°	87.3	16.5
40°-50°	35.0	6.6
50°-60°	15.5	2.9
60°-70°	9.3	1.8
70°-80°	5.1	1.0
80°-90°	1.4	0.3
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°	376.3	71.0
0°-40°	463.6	87.5
0°-60°	514.1	97.0
0°-90°	530.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	530.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	826	
5°	797	73
15°	576	159
25°	314	144
35°	137	87
45°	43	35
55°	17	15
65°	9	9
75°	5	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	825.9
1°	825.1
2°	821.8
3°	816.1
4°	807.9
5°	797.2
6°	784.0
7°	770.0
8°	752.0
9°	731.4
10°	710.1
11°	685.4
12°	659.1
13°	632.8
14°	604.0
15°	576.1
17.5°	503.0
20°	433.9
22.5°	369.8
25°	313.9
27.5°	263.0
30°	217.8
32.5°	175.9
35°	137.2
37.5°	105.2
40°	78.9
42.5°	57.5
45°	42.7
47.5°	32.1
50°	23.8
52.5°	18.9
55°	17.3
57.5°	14.8
60°	13.1
62.5°	10.7
65°	9.0
67.5°	8.2
70°	6.6
72.5°	5.8
75°	4.9
77.5°	4.1
80°	2.5
82.5°	1.6
85°	1.6
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)