

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: P1281040

Luminaire Tested: P3AS05R20B2750DE010 E3DL1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281040
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R20B2750DE010 E3DL1H_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 4000K CCT AND, 80CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

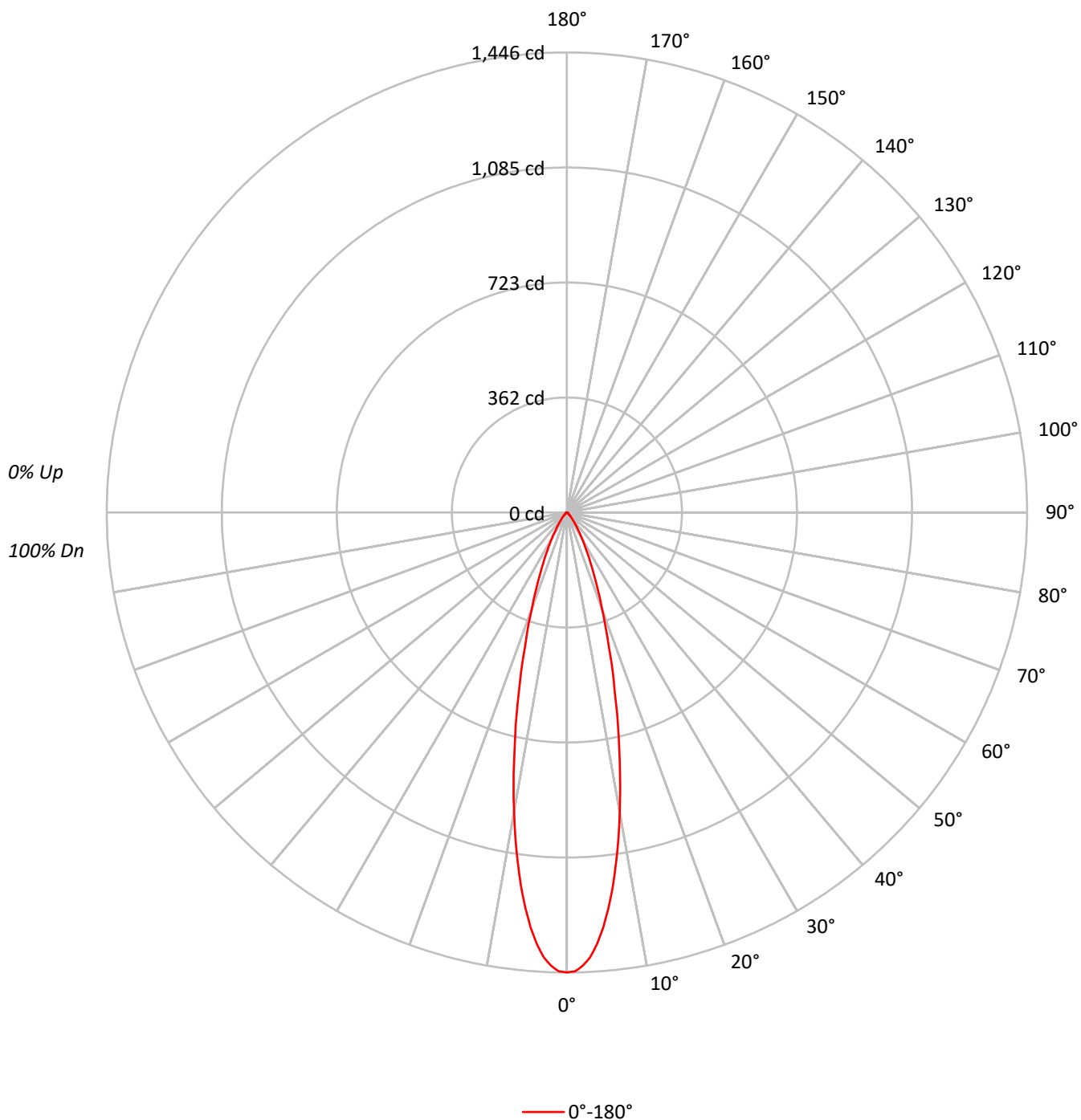
Lumens per Lamp: N/A
Luminaire Lumens: 412.1 lumens
Efficiency: N/A
Efficacy: 69.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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												
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	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	99	98	97	95	91	87	83	79	76	73	70	68	67	66	
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	91	87	83	79	76	73	70	68	67	66	65	64	63	62	61
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	316992
5°	288157
10°	212955
15°	131737
20°	75233
25°	42946
30°	24080
35°	13117
40°	7185
45°	3938
50°	2320
55°	1682
60°	1579
65°	1453
70°	1282
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3938 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.4	27.5
10°-20°	161.8	39.3
20°-30°	84.5	20.5
30°-40°	32.7	7.9
40°-50°	10.6	2.6
50°-60°	4.2	1.0
60°-70°	2.8	0.7
70°-80°	1.6	0.4
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°	359.6	87.3
0°-40°	392.3	95.2
0°-60°	407.1	98.8
0°-90°	412.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	412.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1446	
5°	1309	113
15°	580	162
25°	178	84
35°	49	33
45°	13	11
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1445.6
1°	1442.8
2°	1425.7
3°	1399.4
4°	1358.8
5°	1309.1
6°	1250.2
7°	1184.9
8°	1109.3
9°	1035.6
10°	956.4
12.5°	760.2
15°	580.3
17.5°	434.2
20°	322.4
22.5°	238.8
25°	177.5
27.5°	130.9
30°	95.1
32.5°	68.9
35°	49.0
37.5°	35.4
40°	25.1
42.5°	17.9
45°	12.7
47.5°	9.2
50°	6.8
52.5°	5.2
55°	4.4
57.5°	4.0
60°	3.6
62.5°	3.2
65°	2.8
67.5°	2.4
70°	2.0
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)