

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: P1280973

Luminaire Tested: P3AS05R15B2750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280973
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

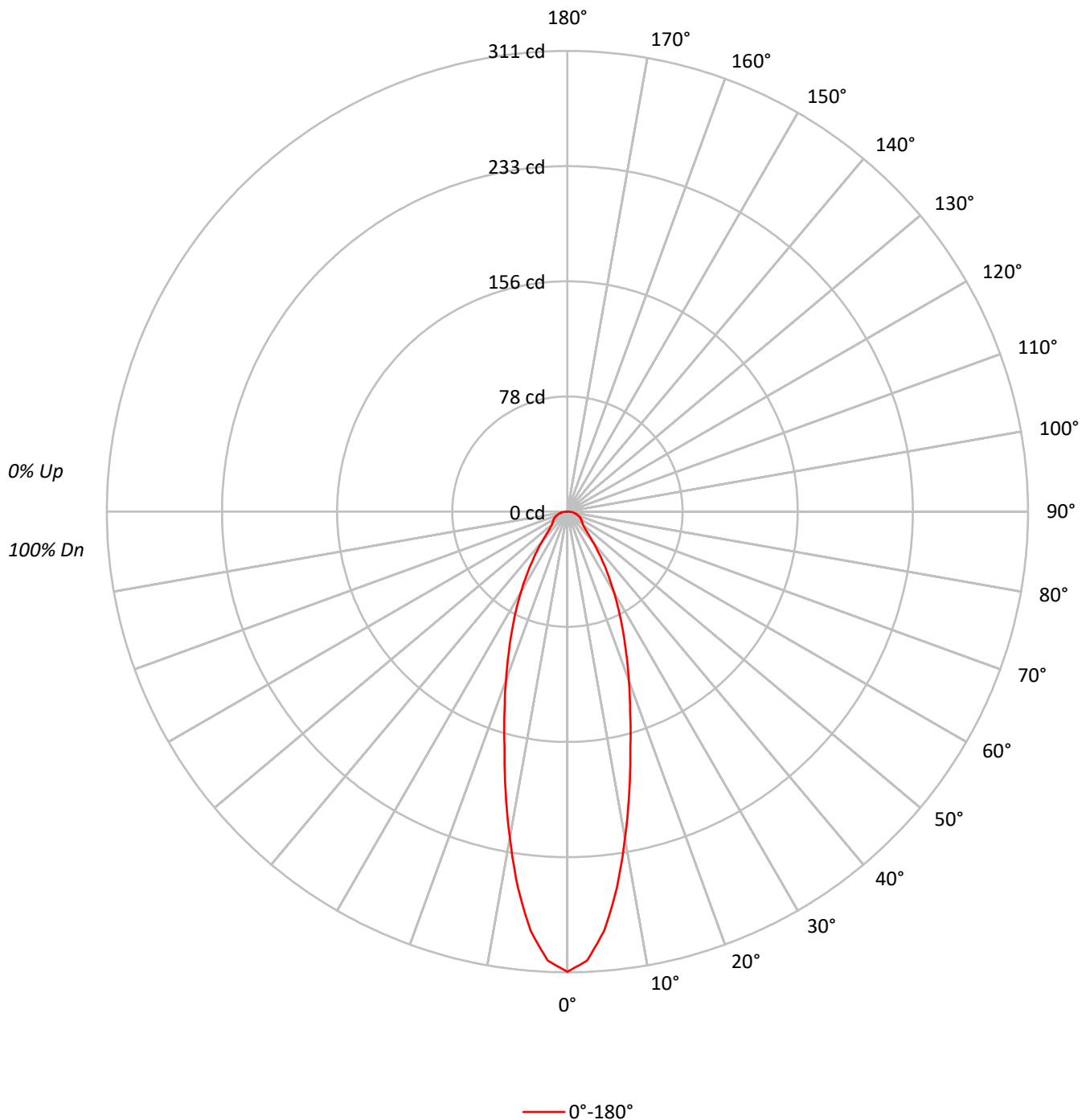
Lumens per Lamp: N/A
Luminaire Lumens: 182.0 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1280973

CATALOG NUMBER: P3AS05R15B2750DE010 E3PHLP1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1280973

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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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68109
5°	62558
10°	49832
15°	37253
20°	28282
25°	21413
30°	15851
35°	11323
40°	7757
45°	5427
50°	4605
55°	4511
60°	4693
65°	4981
70°	5065
75°	5253
80°	5683
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 6552 cd/sqm

TEST NUMBER: P1280973

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.2	13.8
10°-20°	46.0	25.3
20°-30°	40.8	22.4
30°-40°	26.7	14.7
40°-50°	14.3	7.8
50°-60°	10.8	5.9
60°-70°	9.3	5.1
70°-80°	6.4	3.5
80°-90°	2.6	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°	111.9	61.5
0°-40°	138.7	76.2
0°-60°	163.7	89.9
0°-90°	182.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	182.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	311	
5°	284	25
15°	164	46
25°	88	41
35°	42	27
45°	18	14
55°	12	11
65°	10	9
75°	6	6
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	310.6
2.5°	303.3
5°	284.2
7.5°	256.0
10°	223.8
12.5°	192.8
15°	164.1
17.5°	140.9
20°	121.2
22.5°	103.7
25°	88.5
27.5°	75.0
30°	62.6
32.5°	51.9
35°	42.3
37.5°	33.8
40°	27.1
42.5°	21.4
45°	17.5
47.5°	15.2
50°	13.5
52.5°	13.0
55°	11.8
57.5°	11.3
60°	10.7
62.5°	10.1
65°	9.6
67.5°	8.5
70°	7.9
72.5°	6.8
75°	6.2
77.5°	5.1
80°	4.5
82.5°	3.9
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)