

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: P1282502

Luminaire Tested: P3AS05R70B2750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282502
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70B2750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

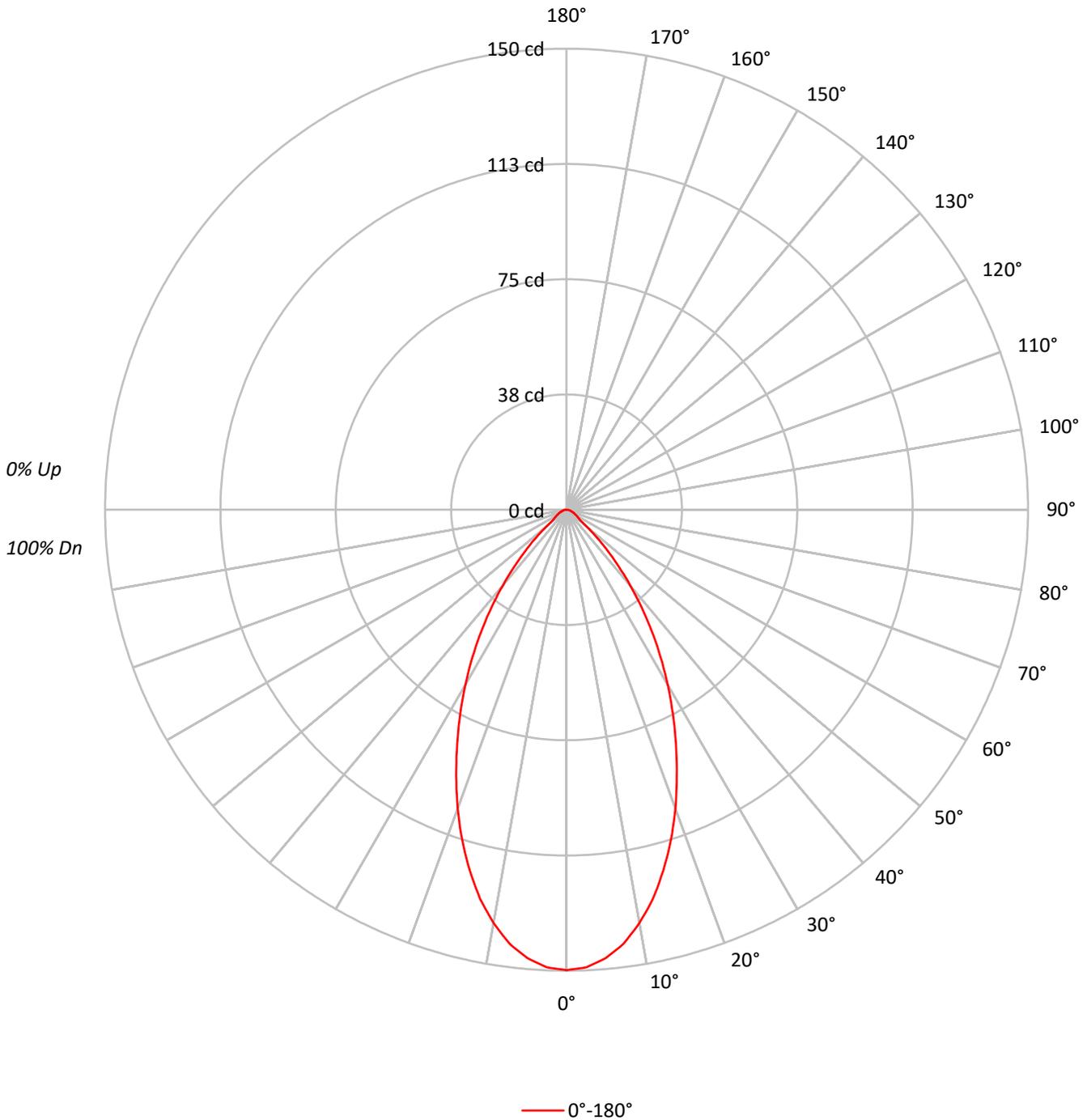
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 140.0 lumens
Efficiency: N/A
Efficacy: 23.7 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
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: P1282502
CATALOG NUMBER: P3AS05R70B2750DE010 E3DLP1GPH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1282502
 CATALOG NUMBER: P3AS05R70B2750DE010 E3DLP1GPH_2700K

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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32848
5°	32225
10°	30394
15°	27582
20°	24129
25°	20348
30°	16661
35°	12930
40°	9246
45°	5861
50°	2934
55°	1797
60°	1535
65°	1401
70°	1218
75°	1186
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5861 cd/sqm



TEST NUMBER: P1282502

CATALOG NUMBER: P3AS05R70B2750DE010 E3DLP1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	9.8
10°-20°	33.8	24.2
20°-30°	38.5	27.5
30°-40°	30.1	21.5
40°-50°	14.8	10.6
50°-60°	4.5	3.2
60°-70°	2.7	1.9
70°-80°	1.5	1.0
80°-90°	0.4	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°	86.0	61.4
0°-40°	116.1	82.9
0°-60°	135.4	96.7
0°-90°	140.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	140.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	150	
5°	146	14
15°	122	34
25°	84	39
35°	48	30
45°	19	15
55°	5	5
65°	3	3
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1282502
CATALOG NUMBER: P3AS05R70B2750DE010 E3DLP1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	149.8
2.5°	149.0
5°	146.4
7.5°	142.4
10°	136.5
12.5°	129.7
15°	121.5
17.5°	112.8
20°	103.4
22.5°	93.7
25°	84.1
27.5°	74.8
30°	65.8
32.5°	56.9
35°	48.3
37.5°	40.1
40°	32.3
42.5°	25.1
45°	18.9
47.5°	13.2
50°	8.6
52.5°	5.6
55°	4.7
57.5°	4.1
60°	3.5
62.5°	3.1
65°	2.7
67.5°	2.3
70°	1.9
72.5°	1.6
75°	1.4
77.5°	1.2
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)