

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: P1282361

Luminaire Tested: P3AS05R65B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282361
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R65B2750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

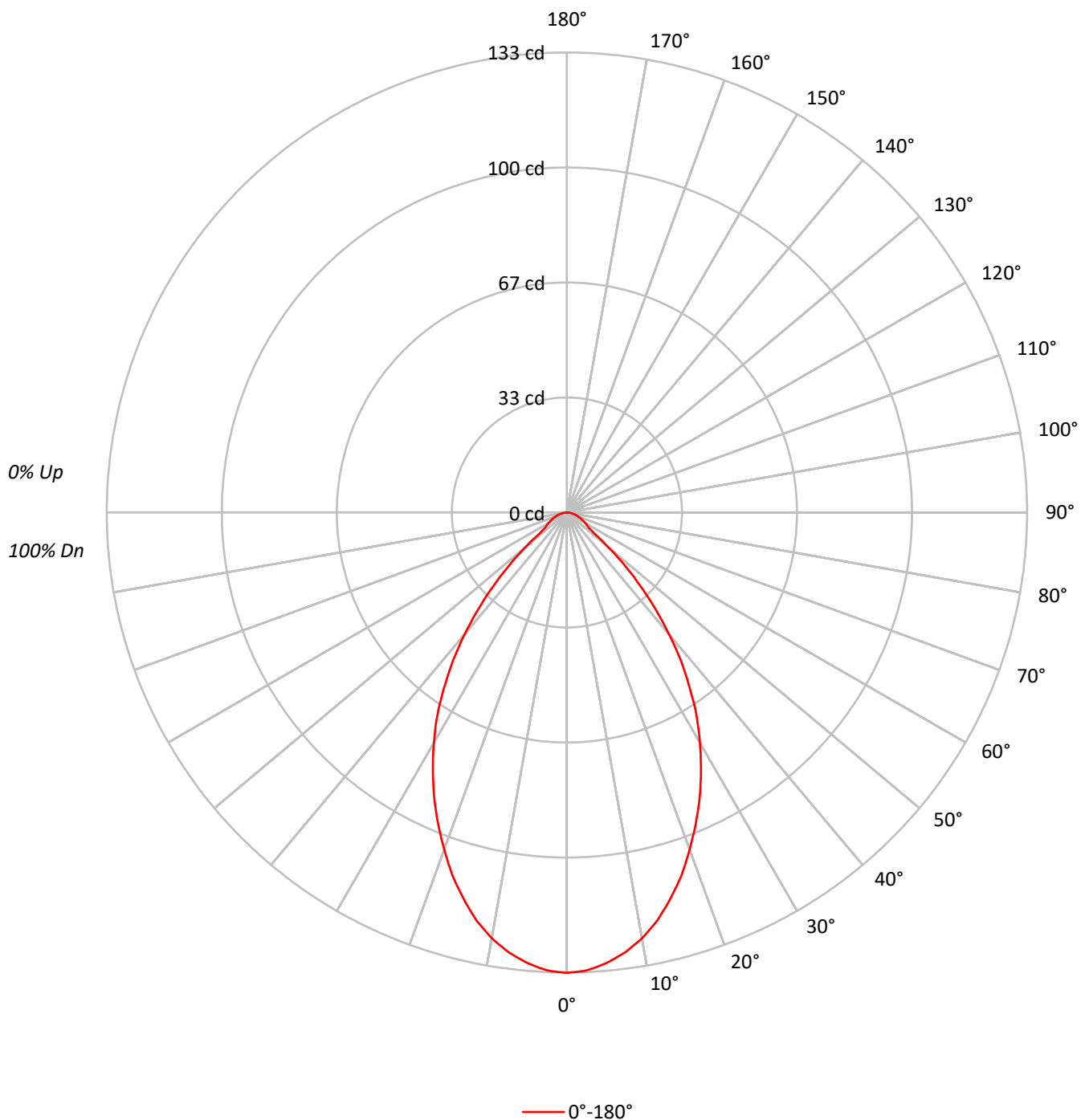
Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282361

CATALOG NUMBER: P3AS05R65B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1282361

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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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	29186
5°	28791
10°	27833
15°	26243
20°	24199
25°	21969
30°	19471
35°	16570
40°	13168
45°	9303
50°	5390
55°	2944
60°	2719
65°	2491
70°	2244
75°	2118
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9303 cd/sqm

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CATALOG NUMBER: P3AS05R65B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.3	7.5
10°-20°	32.3	19.7
20°-30°	41.6	25.3
30°-40°	38.5	23.5
40°-50°	23.2	14.1
50°-60°	7.9	4.8
60°-70°	4.8	2.9
70°-80°	2.7	1.6
80°-90°	0.7	0.5
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°	86.2	52.6
0°-40°	124.7	76.0
0°-60°	155.8	95.0
0°-90°	164.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	164.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	133	
5°	131	12
15°	116	32
25°	91	42
35°	62	38
45°	30	23
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	133.1
2.5°	132.5
5°	130.8
7.5°	128.3
10°	125.0
12.5°	120.8
15°	115.6
17.5°	110.0
20°	103.7
22.5°	97.3
25°	90.8
27.5°	83.9
30°	76.9
32.5°	69.8
35°	61.9
37.5°	54.2
40°	46.0
42.5°	37.9
45°	30.0
47.5°	22.7
50°	15.8
52.5°	10.0
55°	7.7
57.5°	6.9
60°	6.2
62.5°	5.4
65°	4.8
67.5°	4.2
70°	3.5
72.5°	3.1
75°	2.5
77.5°	2.1
80°	1.5
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)