

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: P1304893

Luminaire Tested: P3RT02R65B2750DE010 E3CBUS1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304893
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-94)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT02R65B2750DE010 E3CBUS1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

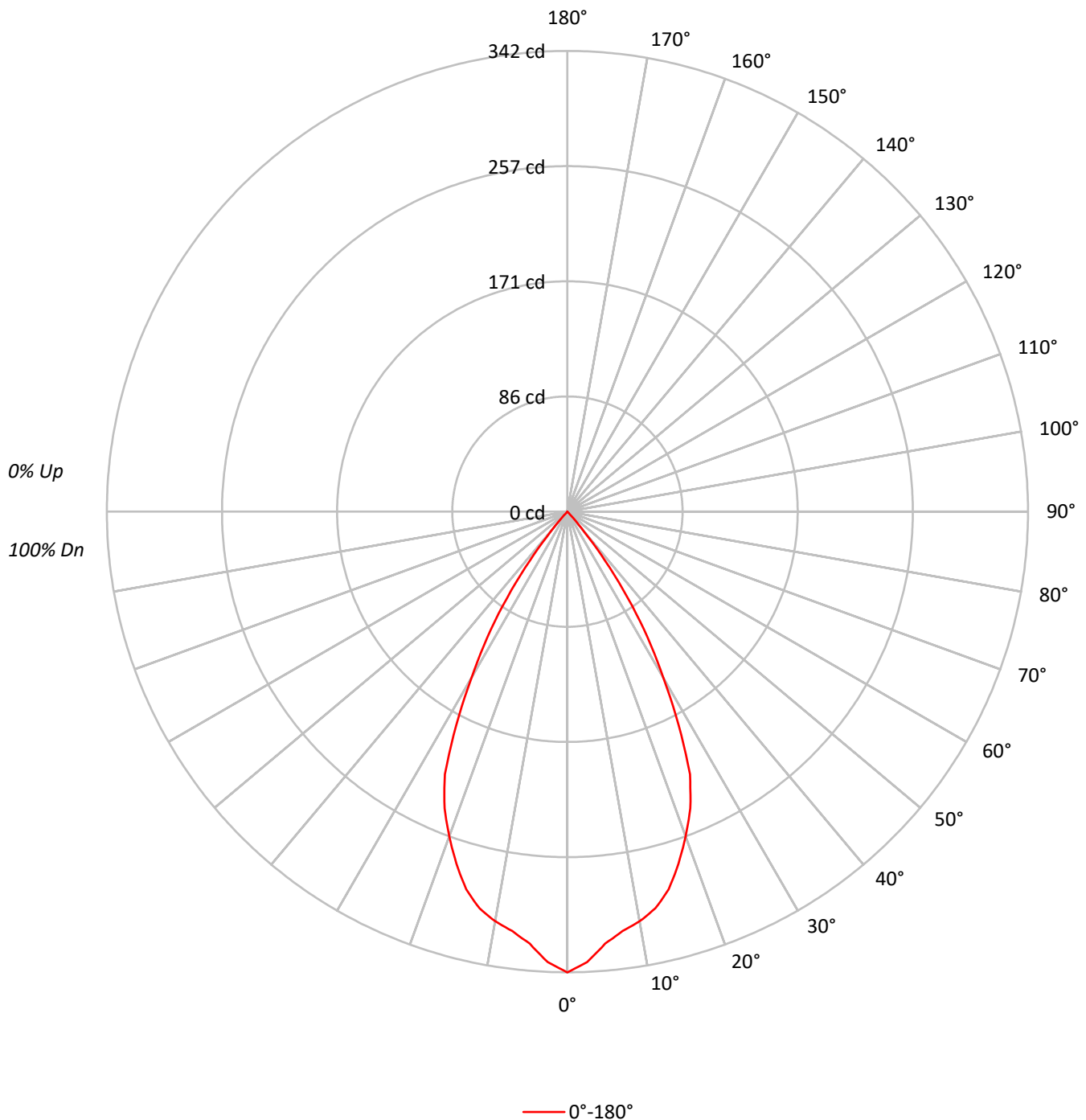
Lumens per Lamp: N/A
Luminaire Lumens: 256.0 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.89 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 2.9
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		0			
RCR																										
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102		100			
1	114	111	109	107		111	109	107	105		105	103	102		101	100	99		98	97	96		94			
2	109	104	101	97		107	103	99	96		99	97	94		96	94	92		94	92	90		89			
3	104	98	93	90		102	96	92	89		94	90	87		92	89	86		89	87	85		83			
4	99	92	87	83		97	91	86	83		89	85	82		87	83	81		85	82	80		78			
5	94	87	81	77		93	86	81	77		84	80	76		82	79	76		81	78	75		74			
6	90	82	76	72		89	81	76	72		80	75	72		78	74	71		77	73	71		69			
7	86	77	72	68		85	77	71	68		75	71	67		74	70	67		73	69	67		65			
8	82	73	68	64		81	73	67	64		72	67	63		71	66	63		70	66	63		62			
9	79	69	64	60		77	69	64	60		68	63	60		67	63	60		66	62	60		58			
10	75	66	61	57		74	66	60	57		65	60	57		64	60	57		63	59	56		55			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75016
5°	70856
10°	68758
15°	65903
20°	59855
25°	52068
30°	36031
35°	20934
40°	5525
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	11.9
10°-20°	80.6	31.5
20°-30°	94.7	37.0
30°-40°	48.0	18.7
40°-50°	2.3	0.9
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	205.7	80.3
0°-40°	253.7	99.1
0°-60°	256.0	100.0
0°-90°	256.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	256.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	342	
5°	322	30
15°	290	81
25°	215	95
35°	78	48
45°	0	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	342.1
2.5°	334.7
5°	321.9
7.5°	314.0
10°	308.8
12.5°	301.7
15°	290.3
17.5°	274.1
20°	256.5
22.5°	238.5
25°	215.2
27.5°	178.8
30°	142.3
32.5°	110.7
35°	78.2
37.5°	45.7
40°	19.3
42.5°	3.1
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)