



LUXEON Stylist Series: AtmoSphere Technology™

Creating the ideal ambiance for restaurants and other hospitality venues



AtmoSphere Technology creates the perfect ambiance with a warm glow that feels comfortable and inviting. Designed to enhance the dining experience by providing a relaxed atmosphere for restaurants, bars and other gathering places, AtmoSphere Technology can reinforce image and brand... all with the additional benefits of reduced energy costs and a minimized environmental footprint that LEDs bring.

FEATURES AND BENEFITS

LUXEON CoB	2200K CCT provides a warm ambiance that is comfortable and inviting
	Lumen packages from 500 to 5,000 lumens for a range of options
Matrix Platform	Dim to warm effect available in built-to-spec Matrix Platform LED modules with AtmoSphere Technology

PRIMARY APPLICATIONS

Downlights
Indoor Area Lighting
Lamps
Spotlights

Product Selection Guide

LUXEON Stylist Series: AtmoSphere Technology product performance at specified test current, $T_j=85^{\circ}\text{C}$.

PRODUCT	NOMINAL CCT	MINIMUM CRI ^[1, 2]	LUMINOUS FLUX ^[1, 3] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TEST CURRENT (mA)	LES ^[4] (mm)	PART NUMBER
			MINIMUM	TYPICAL				
LUXEON CoB 205	2200K	90	452	502	93	150	6.5	L2C3-2290205E06000
LUXEON CoB 209	2200K	90	757	841	95	250	6.5	L2C3-2290209E06000
LUXEON CoB 1202s	2200K	90	589	654	95	200	6.5	L2C5-22901202E06C0
LUXEON CoB 1202	2200K	90	625	694	101	200	9.0	L2C5-22901202E0900
LUXEON CoB 1203	2200K	90	929	1032	100	300	9.0	L2C5-22901203E0900
LUXEON CoB 1204	2200K	90	1430	1589	102	450	13.0	L2C5-22901204E1300
LUXEON CoB 1205	2200K	90	1857	2063	98	600	13.0	L2C5-22901205E1300
LUXEON CoB 1208	2200K	90	2785	3095	99	900	15.0	L2C5-22901208E1500
LUXEON CoB 1211	2200K	90	3749	4165	100	1200	19.0	L2C5-22901211E1900
LUXEON CoB 1216	2200K	90	5013	5570	101	1600	23.0	L2C5-22901216E2300

Notes:

1. Lumileds maintains a tolerance of ± 2 on CRI and $\pm 6.5\%$ on luminous flux measurements.
2. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
3. Maximum luminous flux is 10% above typical luminous flux.
4. Light Emitting Surface (LES) is the inner diameter (phosphor area) inside the dam.

Matrix Platform Built-to-Spec

In addition to individual LEDs, the LUXEON Stylist Series with AtmoSphere Technology can be deployed in built-to-spec Matrix Platform options. The proprietary Oberon pick-and-place technology is used to pinpoint module color points to provide color tunable solutions that use any combination of low power, mid power and high power LUXEON LEDs. For more information about how the Matrix Platform can help achieve the perfect “dim to warm” effect in hospitality venues, please contact a Lumileds Sales Representative.