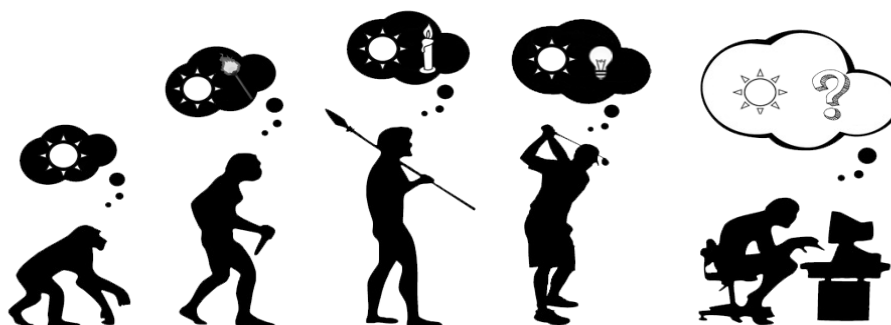


1. 近太阳光谱和黑体辐射光谱

Solar spectrum & Black body radiation spectrum

地球生物的形成，繁衍进化，人类文明的出现发展无不依赖于太阳光。太阳光，不仅提供了众多生物的视觉照明，更重要的是提供了地球生物生存和繁衍最基本的能量来源。基于生存进化的理由，太阳光谱的光才是最理想的人工照明光源。而作为阳光照明之外的黑体辐射照明同样伴随了人类文明的进化，是阳光照明的重要补足。

The formation of the earth's biology, reproductive evolution, and the emergence of human civilization development is all dependent on the sun light invariably. The sun light not only provides vision lighting to all the creatures, more importantly is to provide basic energy source for the survival and reproduction of the earth's biology. Based on the existence of evolution reason, the light of the solar spectrum is the most ideal artificial lighting light source. Besides sun light, the black-body radiation lighting has also been facilitated the evolution of human civilization, is an important complement of sun light.



现代人类，有很大的几率在阳光明媚的时间段里蜗居在教室，办公楼，甚至宅在家里，白天晚上都以人工照明为主。尽管这些人工照明可以满足人的视觉照明需要，但因室内光线中缺少全光谱自然光中的某些光谱，相关的健康问题会逐渐出现，很难满足人们的生理和心理需求。

For the Modern humans, there is a big chance to stay in the classroom, the office building, and living at home in a sunny day, we may use artificial lighting for whole daytime and night. Though these artificial lighting can satisfy people's visual illumination need, but the indoor light is lack of some spectrum which exists in the full spectrum natural light, which will cause some health problems to human beings gradually, and it is hard to meet people's both physiological and psychological needs as well.

在此，我们开创性的提出生理照明的概念。我们认为照明，应该同时满足**视觉照明**和**生理照明**的需求，简称**健康照明**。

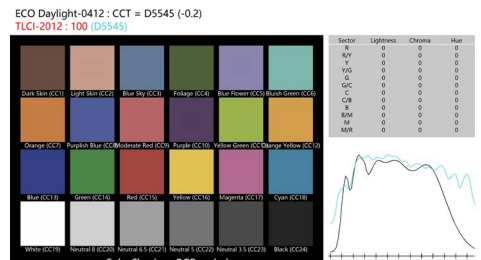
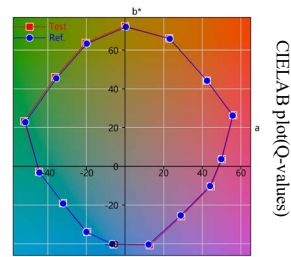
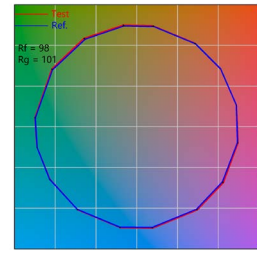
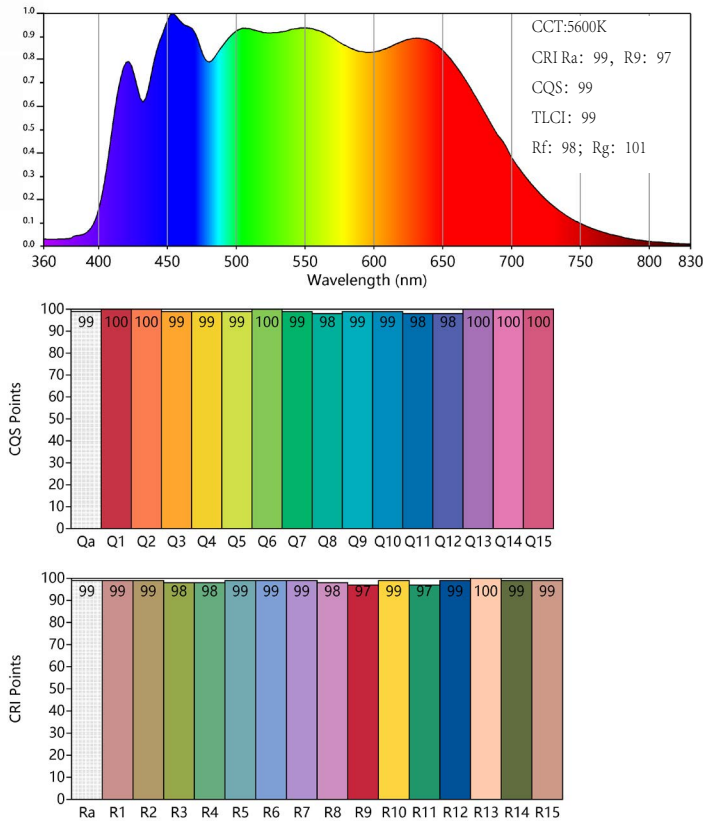
Therefore, we are pioneering the concept of physical lighting, and we believe that lighting should meet both the needs of **Visual lighting** and **Physiological lighting**, which we call it **Health lighting** for short.

SSLECO Daylight 系列光源包含 5000K 色温以上的近太阳光谱光源和 4000K 以下色温的黑体辐射谱光源。

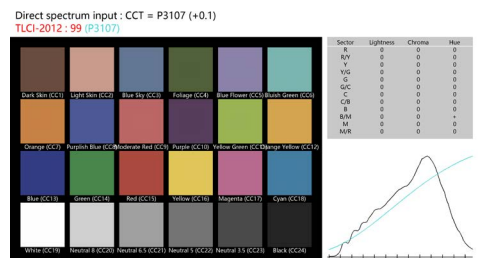
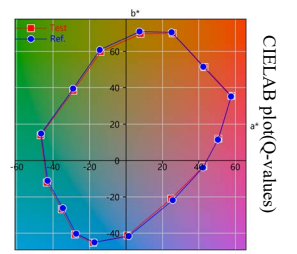
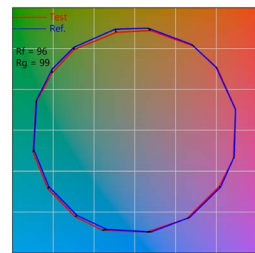
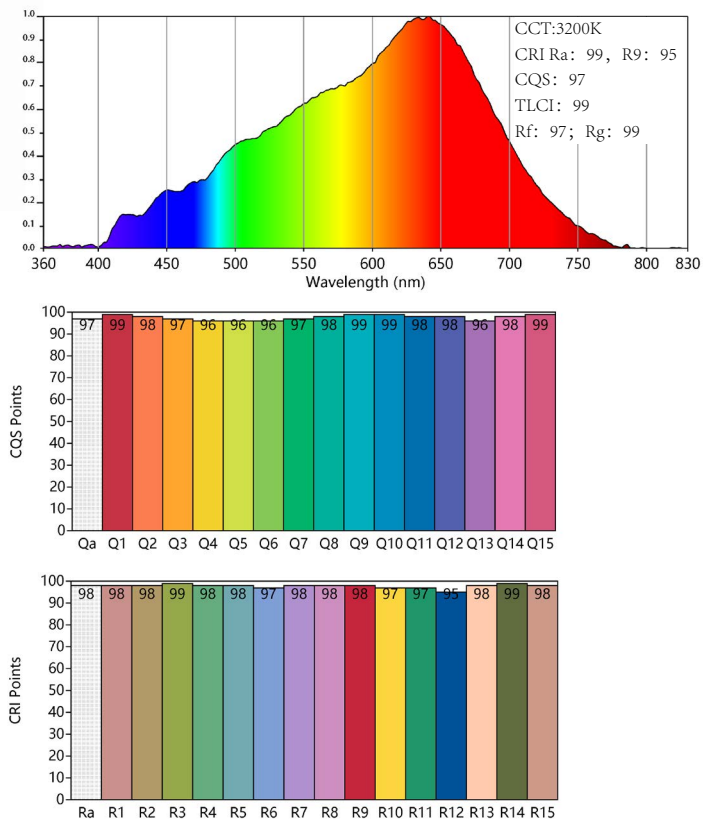
The SSLECO Daylight series consists of near solar spectral light sources with color temperature above 5000K and black-body radiation spectral light sources with color temperature below 4000K.

自然谱系列 SSLECO Daylight Series

2. SSLECO Daylight 5600K 色温的典型光谱和参数 SSLECO Daylight Typical Spectrum and parameters at CCT 5600K



3. SSLECO Daylight 3200K 色温的典型光谱和参数 SSLECO Daylight Typical Spectrum and parameters at CCT 3200K



4. SSLECO Daylight 的应用

(1) 长时间人工照明，并关注健康的场景

Long-time artificial lighting and health-care scenarios

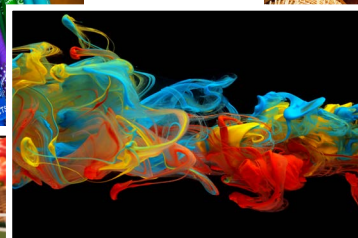
- 学校照明 Schools
- 图书馆照明 Libraries
- 办公室照明 Offices
- 阅览室照明 Reading rooms
- 实验室 Laboratories
- 书写台灯 Table lamps
- 医院 Hospitals
- 场馆照明 Stadiums



(2) 需要颜色高度还原的工作场景

Accurate color reduction scenarios

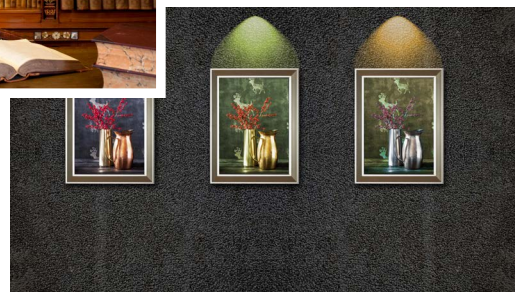
- 印刷车间照明 Printing workshops
- 印染照明 Dyeing & Printing
- 纺织车间照明 Textile workshops
- 油漆车间照明 Painting workshops
- 博物馆照明 Museums
- 橱窗照明 Show windows
- 超市生鲜照明 Fresh food stores
- 卖场 Markets



(3) 高清演播室及特种照明

HD Studios and special lighting

- 摄影灯 Photoflood Lamps
- 美术美工 Art design
- 博物馆 Museum
- 展览馆 Exhibitions
- 手术照明 Operation lighting



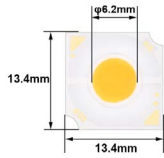
自然谱系列 SSLECO Daylight Series

5. 产品列表

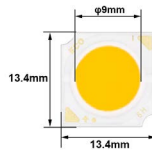
Product Selection Guide

型号	功率 (W)	正向电压	正向电流	串联并联	色温	CRI -Ra	CQS -Qa	Rf	Rg	TLCI	光效 (Tj=25℃)	光通量
Part No.	Power(W)	Vf(V)	If(mA)	series parallel	Color Temp.(K)						(lm/W)	Lumen(lm)
SOL1313-04W-27**FR98	4	36	120	12S2P	2700	98	98	95	99-101	99	95	410
SOL1313-04W-32**FR98					3200	98	97	97	99-101	99	100	432
SOL1313-04W-40**FR98					4000	98	99	98	99-101	99	107	462
SOL1313-04W-50**FR98					5000	98	99	98	99-101	99	110	475
SOL1313-04W-56**FR98					5600	98	99	98	99-101	99	110	475
SOL1313-06W-27**FR98	6	36	180	12S3P	2700	98	98	95	99-101	99	95	616
SOL1313-06W-32**FR98					3200	98	97	97	99-101	99	100	648
SOL1313-06W-40**FR98					4000	98	99	98	99-101	99	107	693
SOL1313-06W-50**FR98					5000	98	99	98	99-101	99	110	713
SOL1313-06W-56**FR98					5600	98	99	98	99-101	99	110	713
SOL1919-13W-27**FR98	13	36	360	12S6P	2700	98	98	95	99-101	99	95	1231
SOL1919-13W-32**FR98					3200	98	97	97	99-101	99	100	1296
SOL1919-13W-40**FR98					4000	98	99	98	99-101	99	107	1387
SOL1919-13W-50**FR98					5000	98	99	98	99-101	99	110	1426
SOL1919-13W-56**FR98					5600	98	99	98	99-101	99	110	1426
SOL1919-19W-27**FR98	19	36	480	12S8P	2700	98	98	95	99-101	99	95	1642
SOL1919-19W-32**FR98					3200	98	97	97	99-101	99	100	1728
SOL1919-19W-40**FR98					4000	98	99	98	99-101	99	107	1849
SOL1919-19W-50**FR98					5000	98	99	98	99-101	99	110	1901
SOL1919-19W-56**FR98					5600	98	99	98	99-101	99	110	1901
SOL1919-26W-27**FR98	26	36	720	12S12P	2700	98	98	95	99-101	99	95	2462
SOL1919-26W-32**FR98					3200	98	97	97	99-101	99	100	2592
SOL1919-26W-40**FR98					4000	98	99	98	99-101	99	107	2773
SOL1919-26W-50**FR98					5000	98	99	98	99-101	99	110	2851
SOL1919-26W-56**FR98					5600	98	99	98	99-101	99	110	2851
SOL2835-0.2W-27N7FR98	0.2	3.1-3.3	60	1S1P	2700	98	98	96	99-101	99	87	17
SOL2835-0.2W-30N7FR98					3000	98	98	96	99-101	99	90	18
SOL2835-0.2W-32N7FR98					3200	98	98	96	99-101	99	92	18
SOL2835-0.2W-35N7FR98					3500	98	98	96	99-101	99	95	19
SOL2835-0.2W-40N7FR98					4000	98	98	97	99-101	99	96	19
SOL2835-0.2W-50N7FR98					5000	98	98	97	99-101	99	98	20
SOL2835-0.2W-56N7FR98					5600	98	98	97	99-101	99	98	20
SOL2835-0.5W-27N7FR98	0.5	3.1-3.3	120	1S2P	2700	98	98	96	99-101	99	87	44
SOL2835-0.5W-30N7FR98					3000	98	98	96	99-101	99	90	45
SOL2835-0.5W-32N7FR98					3200	98	98	96	99-101	99	92	46
SOL2835-0.5W-35N7FR98					3500	98	98	96	99-101	99	95	48
SOL2835-0.5W-40N7FR98					4000	98	98	97	99-101	99	96	48
SOL2835-0.5W-50N7FR98					5000	98	98	97	99-101	99	98	49
SOL2835-0.5W-56N7FR98					5600	98	98	97	99-101	99	98	49

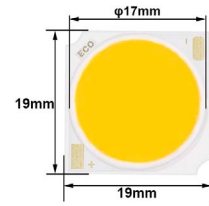
6. 产品图片与尺寸 Product picture and size



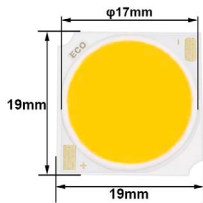
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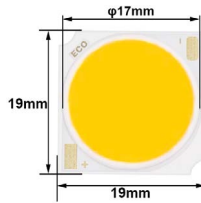
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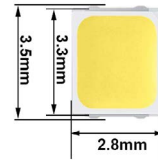
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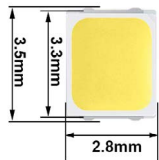
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SOL1919-26W-XX



SOL2835-0.2W-XX



SOL2835-0.5W-XX