



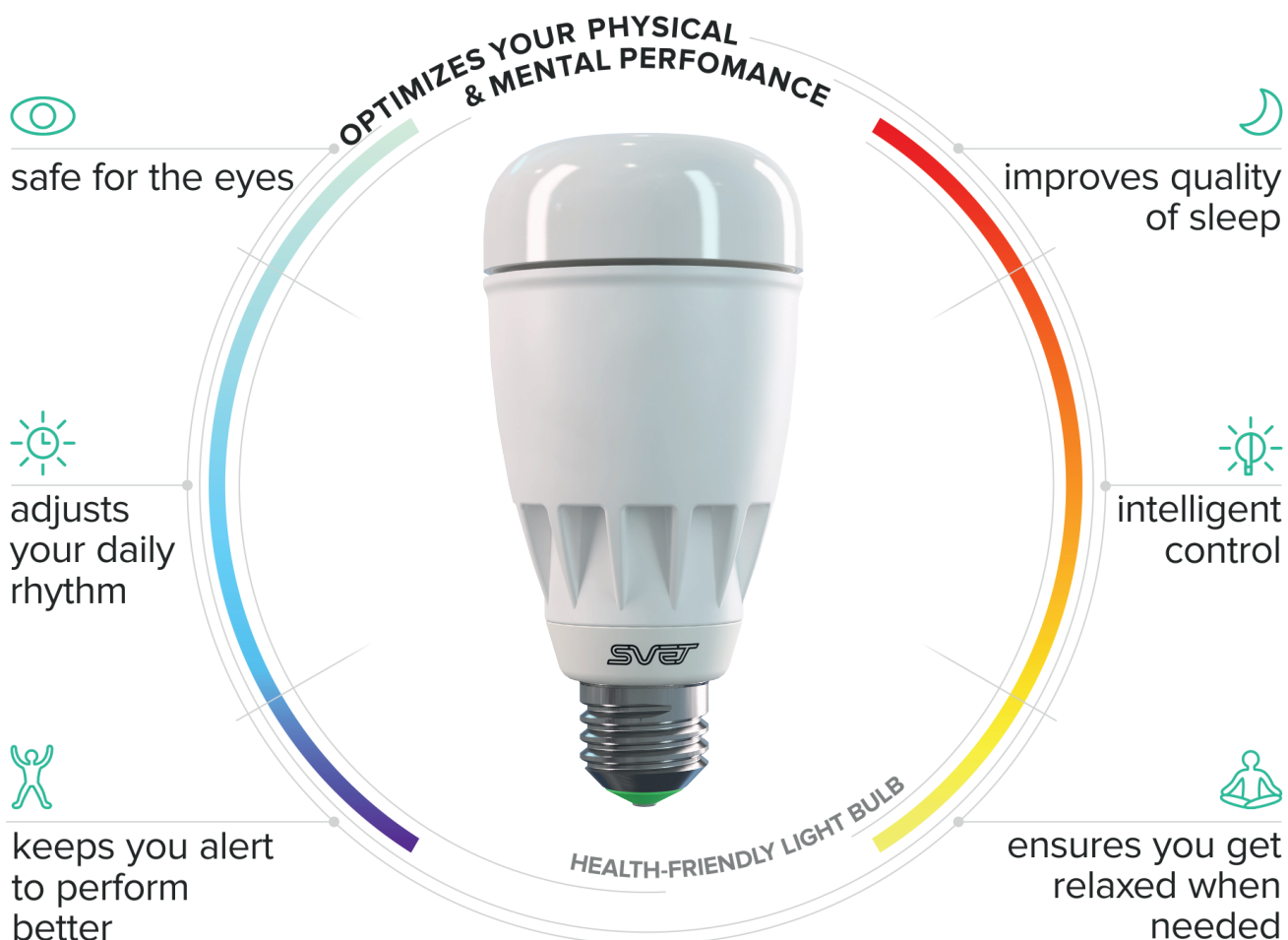
SVET

the health-friendly light bulb

Better sleep. Less stress. Full spectrum. Safe for the eyes.

Health benefits.

How is health connected to lighting?



Human factors in lighting: overview

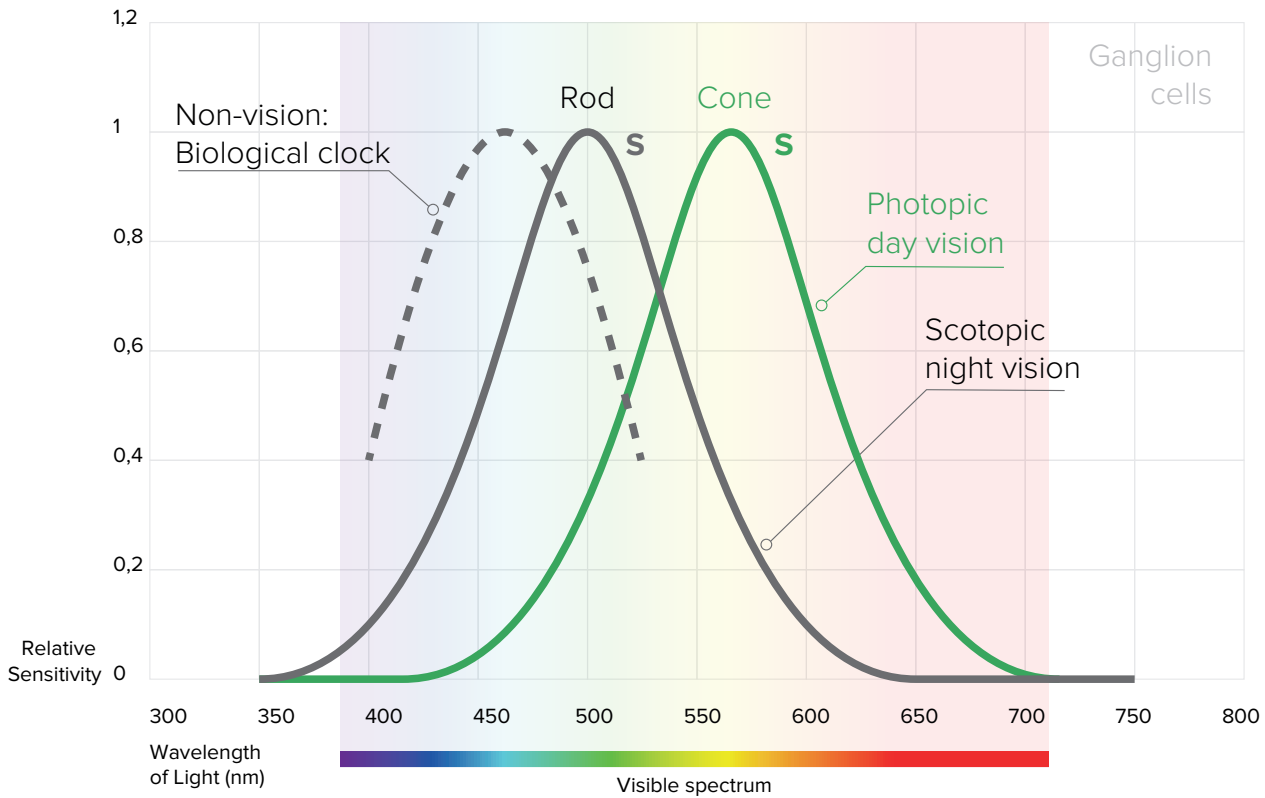
Three aspects:

- Vision – visual comfort and the eyes.
- Emotion – aesthetics, comfort, well-being
- Physiology – Circadian rhythm, tiredness, performance

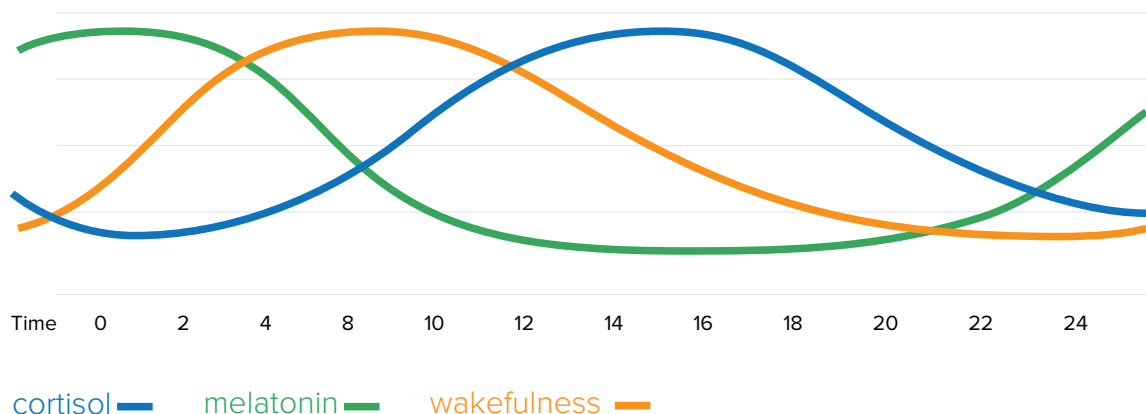
Lighting during the day

Daylight is dynamic. It changes during the day. So do our vision and physiology. Our biological clocks adhere to day-night phases.

Sensitivity zones graph



Graph of cortisol and melatonin secretion during the day



24h lighting recommendations

SVET adjusts brightness and CCT based on time of the day. (Intensity, distribution, spectral composition).

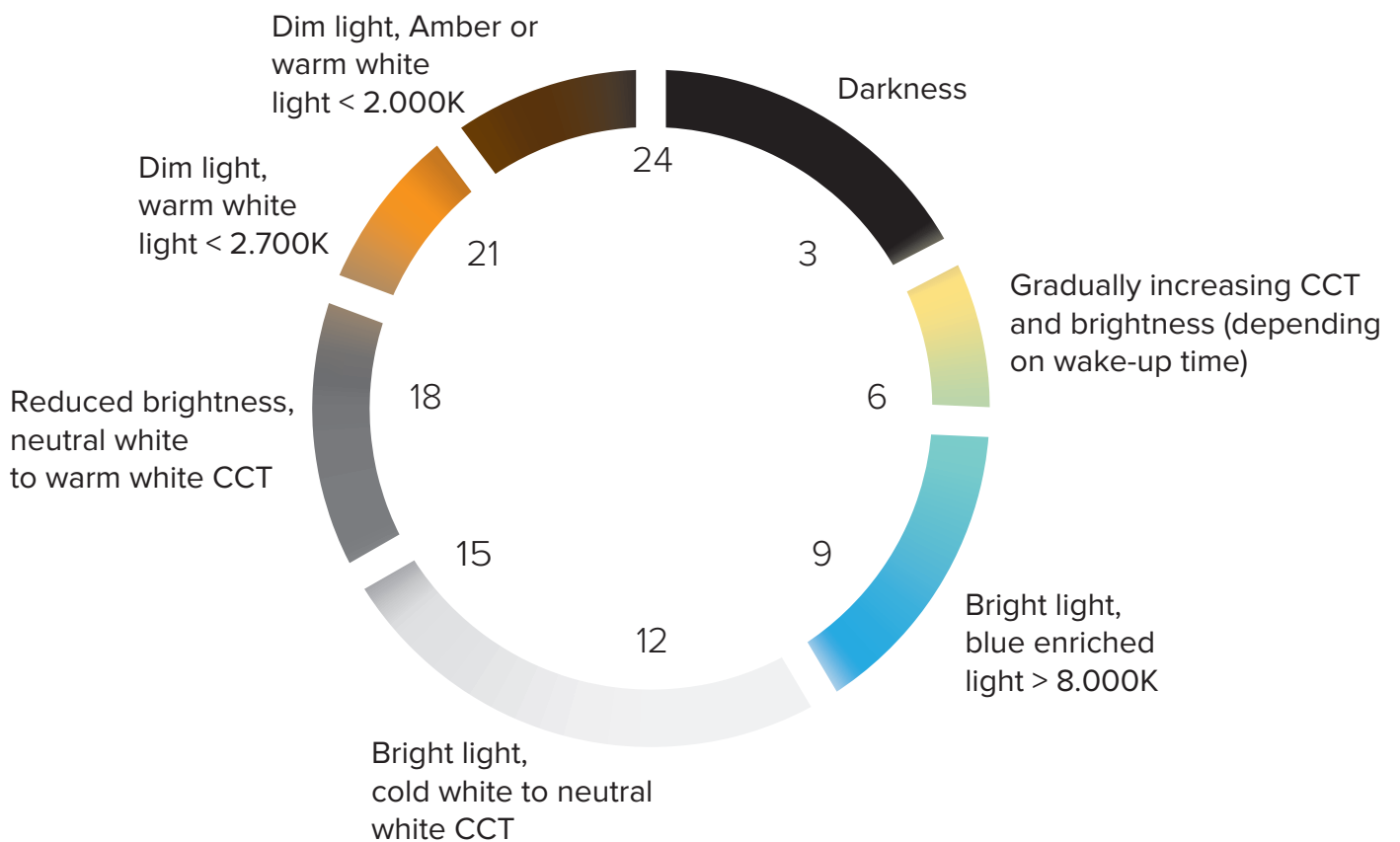
Wake up – dawn simulation

Alertness, activity, performance – blueish light

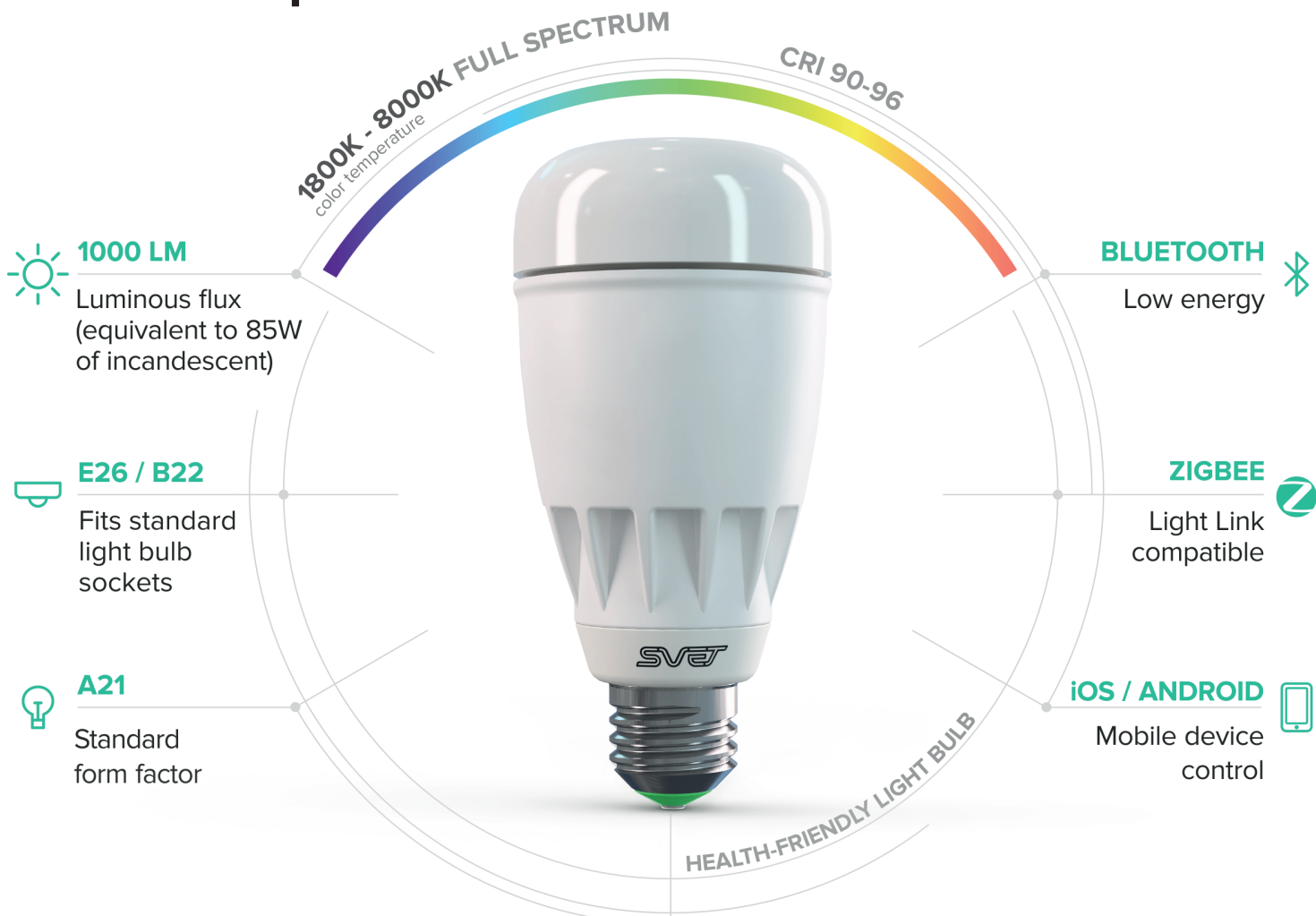
Mood – warm white

Better sleep – daytime light patterns

Before asleep – no blue light for 2h before sleep; low-intensity, warm light, more redish light (for reduced impact)



Tech specs



Flicker-free with analog dimming

12,5W max



0,5W min

High energy efficiency (LEDs)



Lasts up to 10 times longer than traditional bulbs

Not for outdoor use



Not for use in bathrooms and wet locations

110-230V
50/60Hz

5 years lifespan based on 8h usage per day

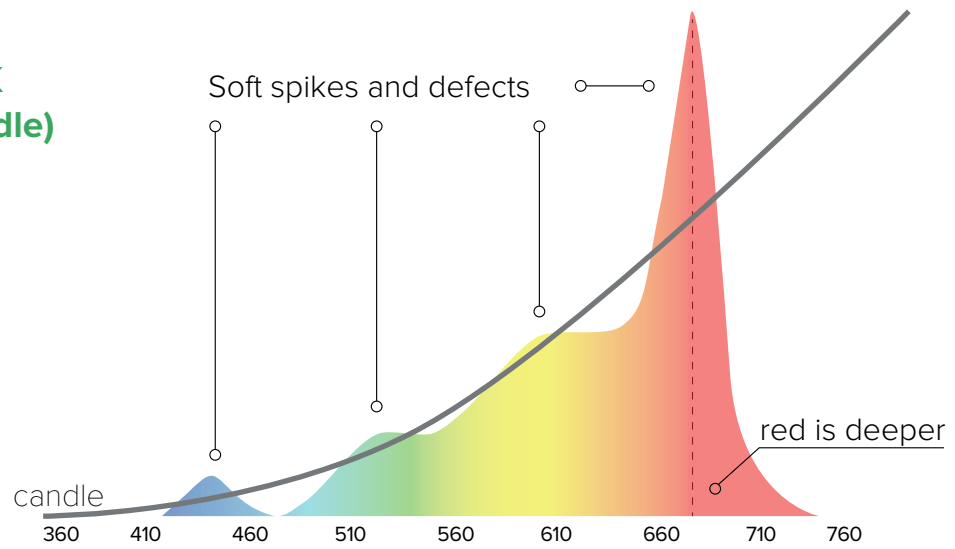
Two year warranty



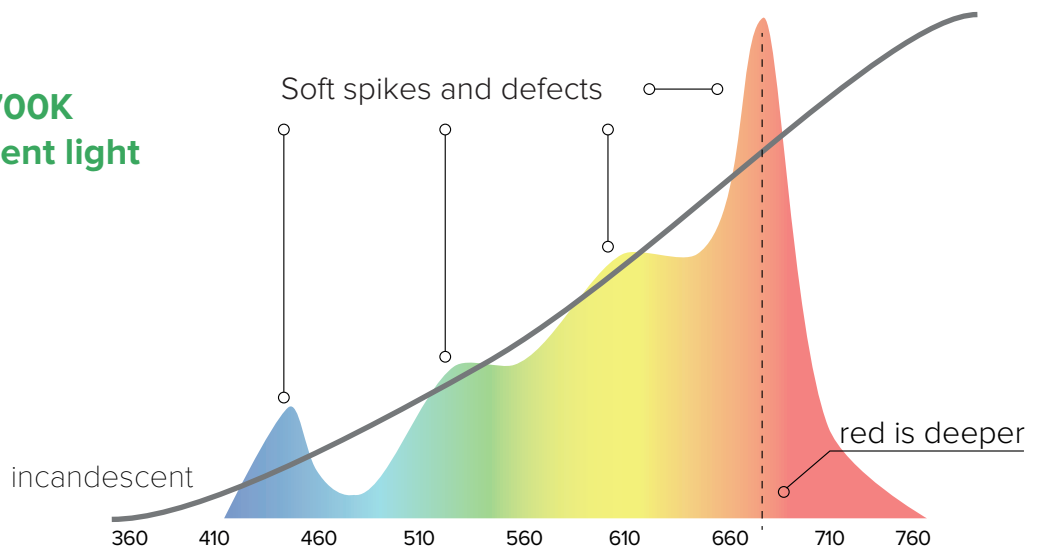
Plug & Play setup

SVET in 2200–3000K

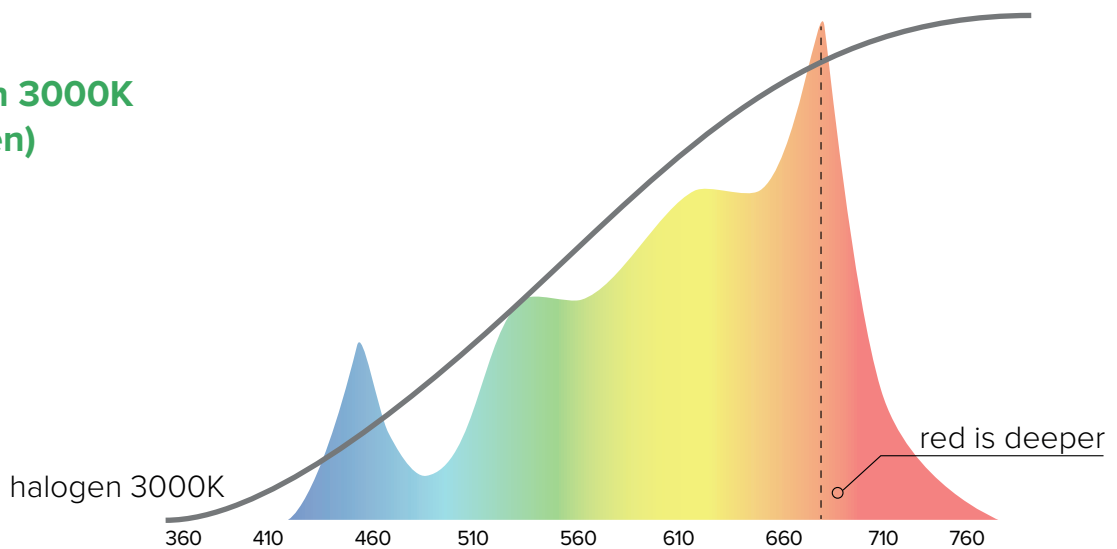
SVET in 2200K
(light from candle)



SVET in 2700K
(incandescent light bulb)

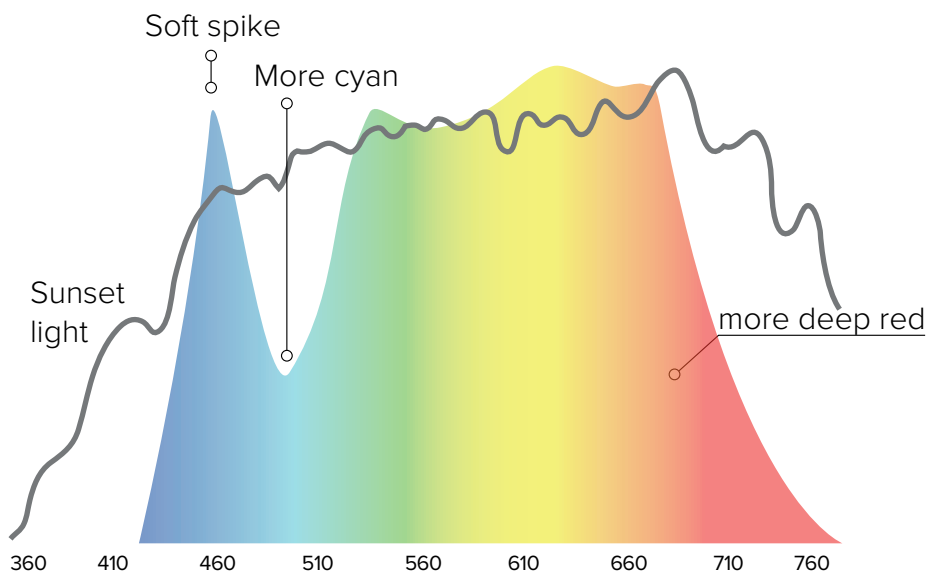


SVET in 3000K
(halogen)

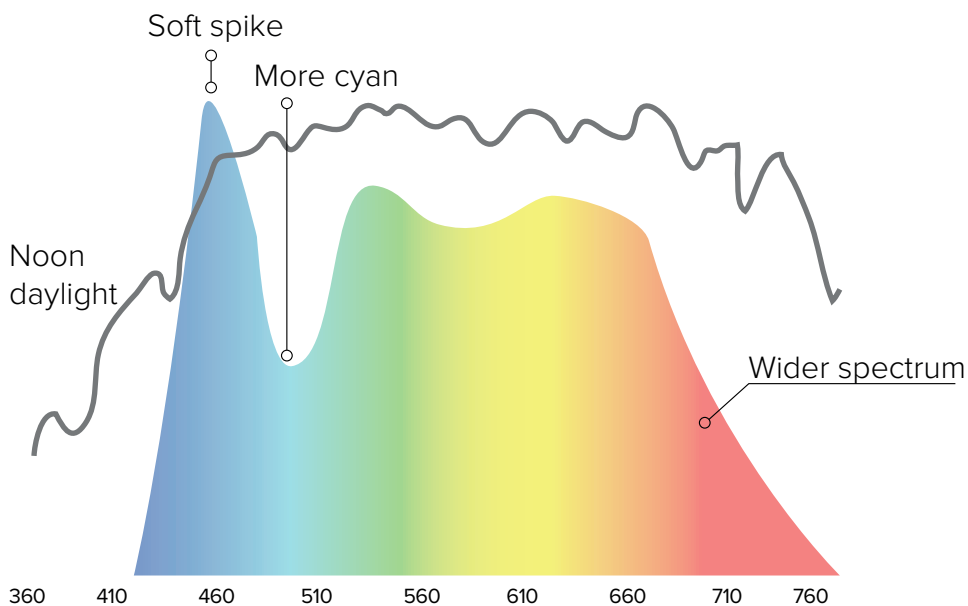


SVET in 4000–7000K

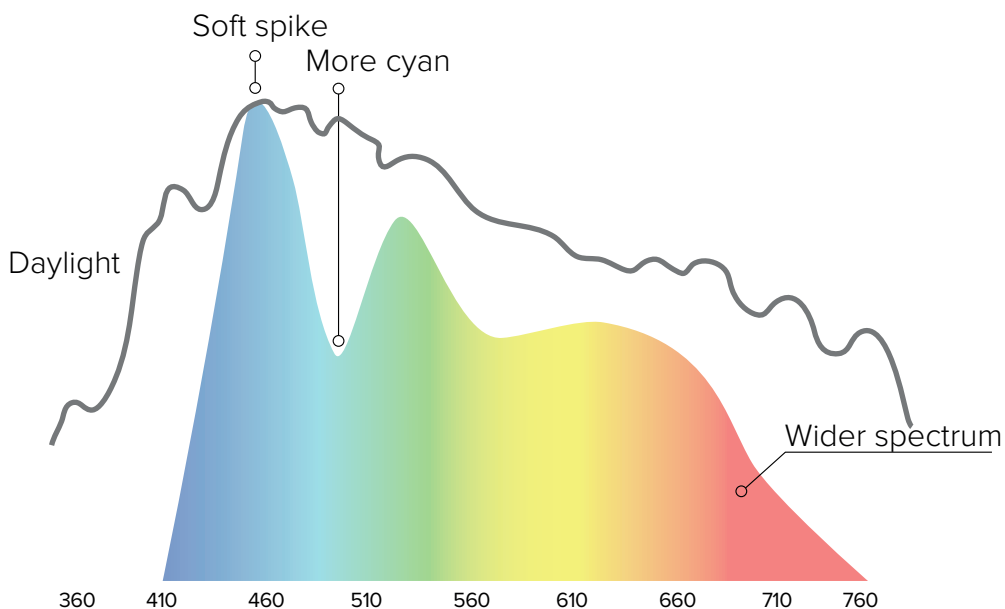
SVET in 4000K
(sunset)



SVET in 5000K
(light at midday)

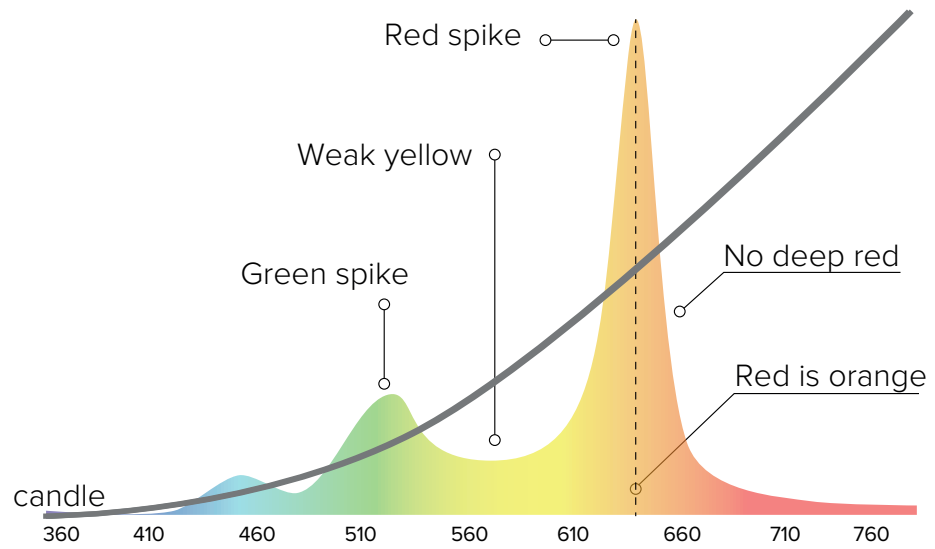


SVET in 7000K
(light at morning)

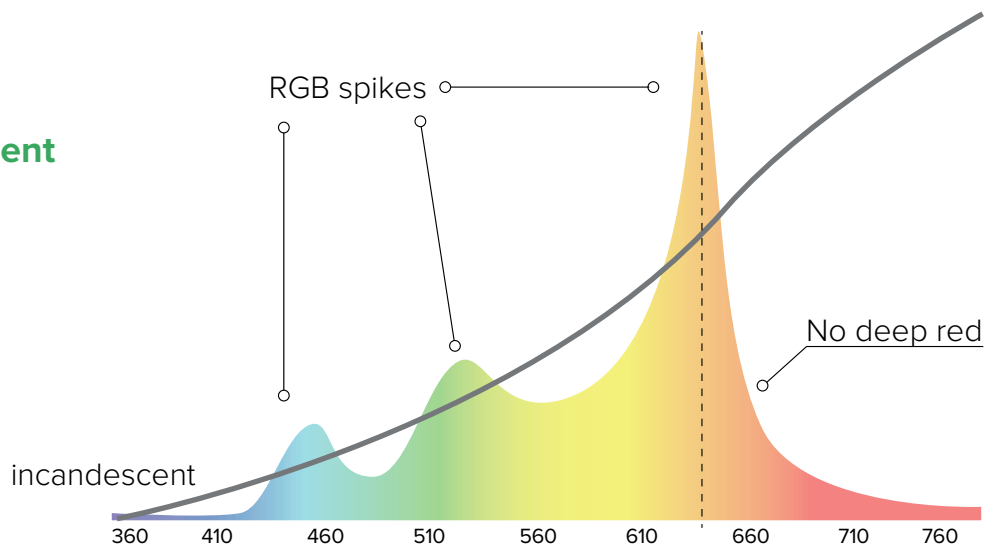


RGBW light bulb 1 (ref 1) in 2200–3000K

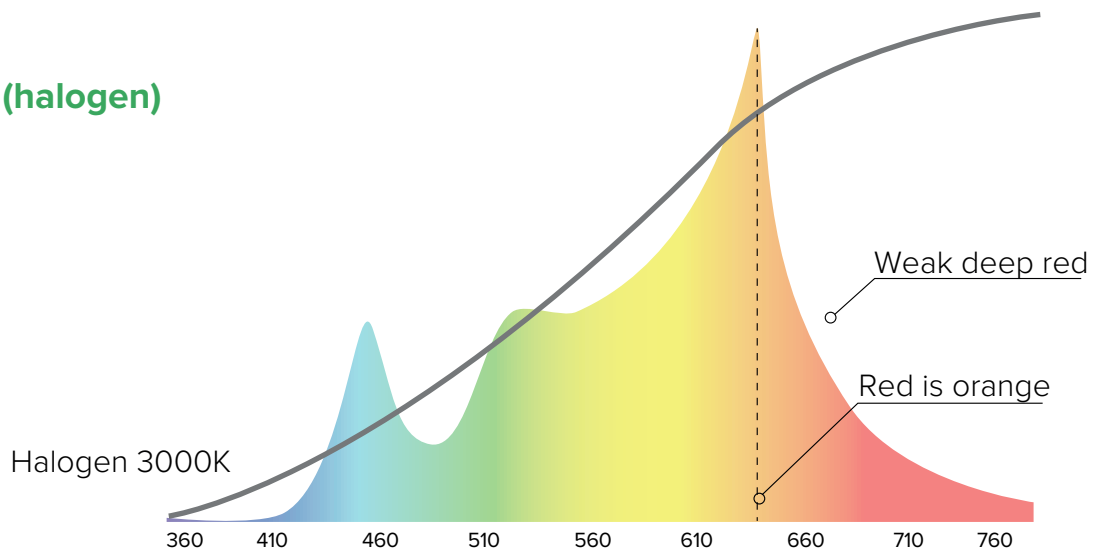
2200K (light from candle)



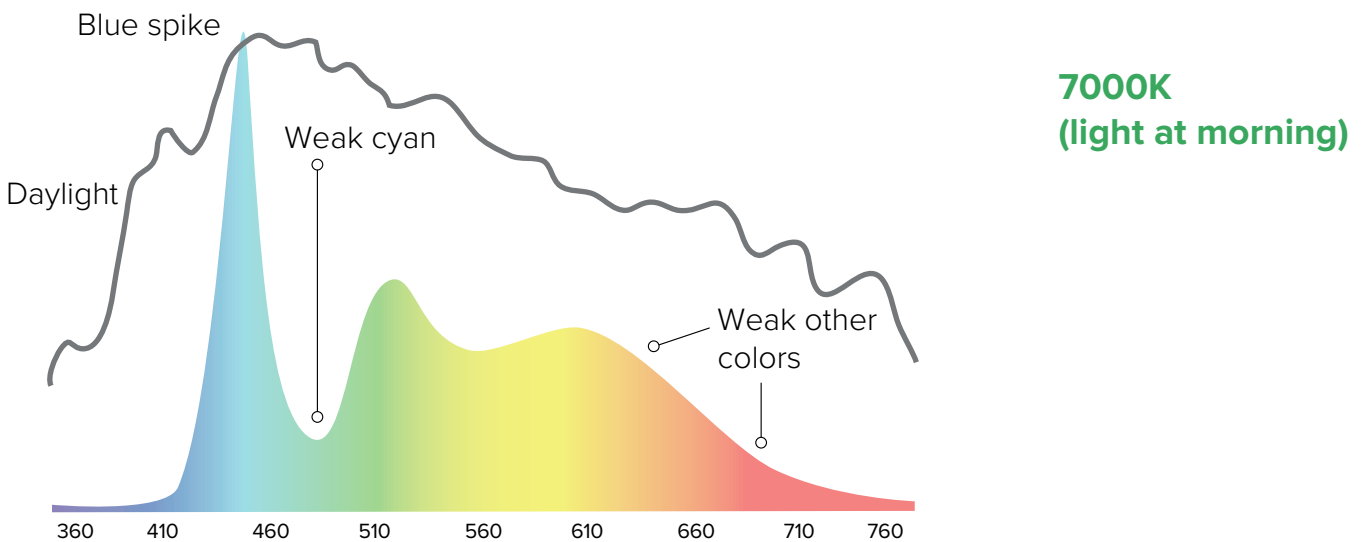
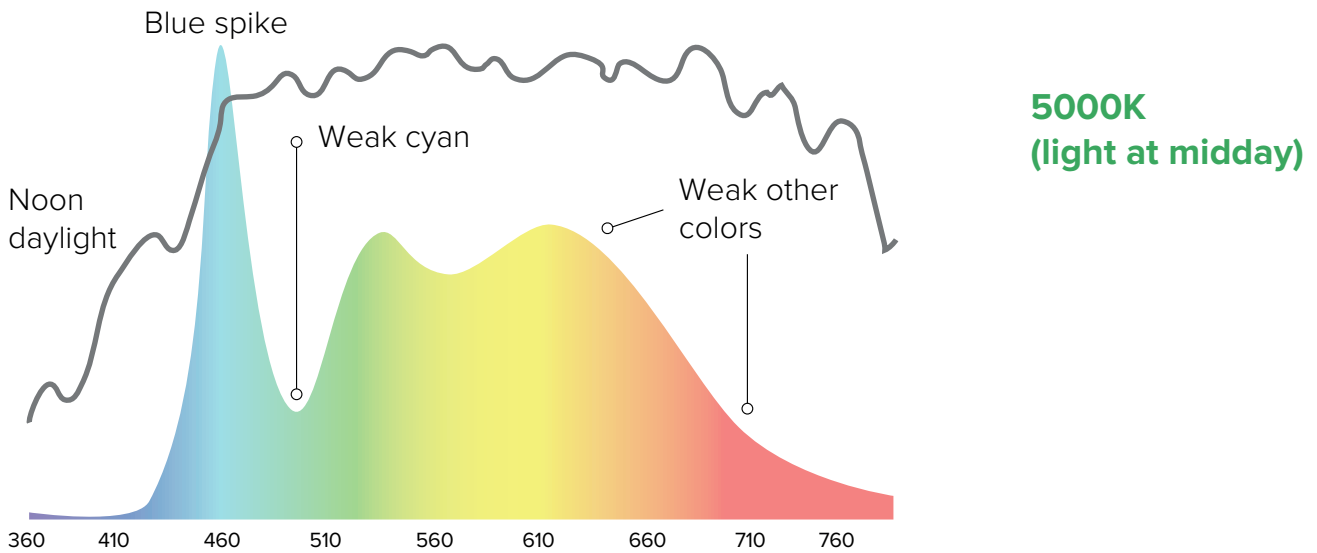
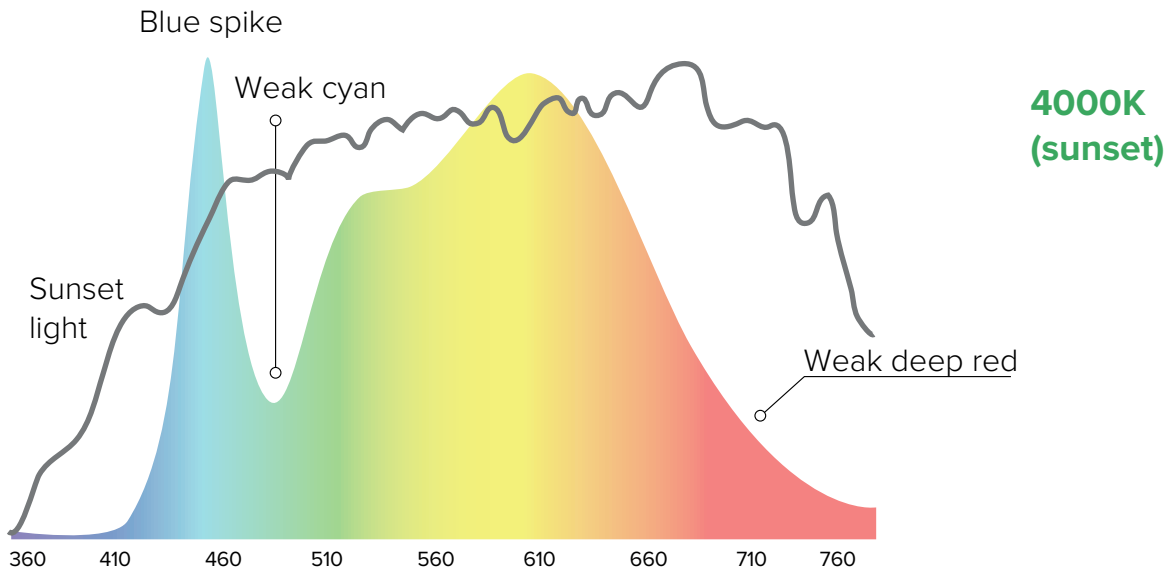
2700K (incandescent light bulb)



3000K (halogen)

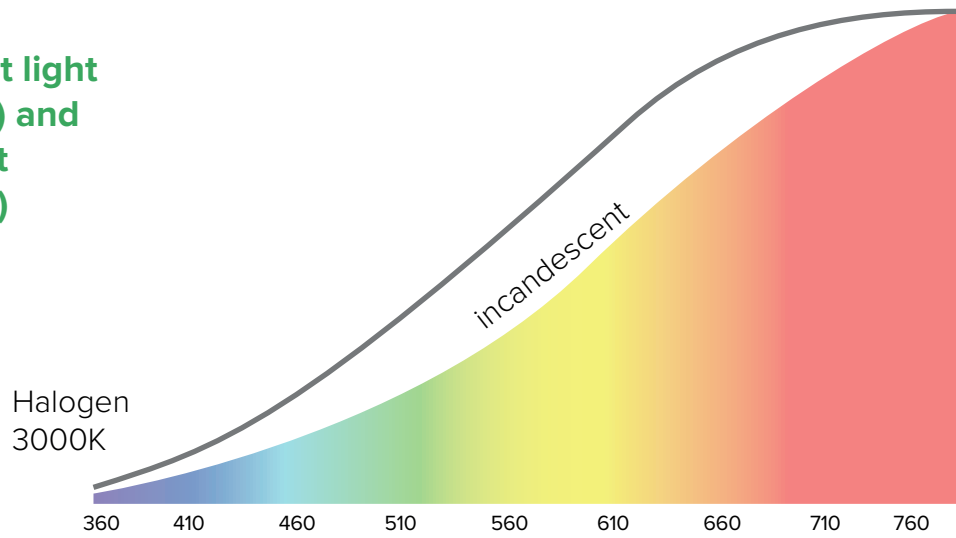


RGBW light bulb 1 (ref 1) in 4000 and 7000K

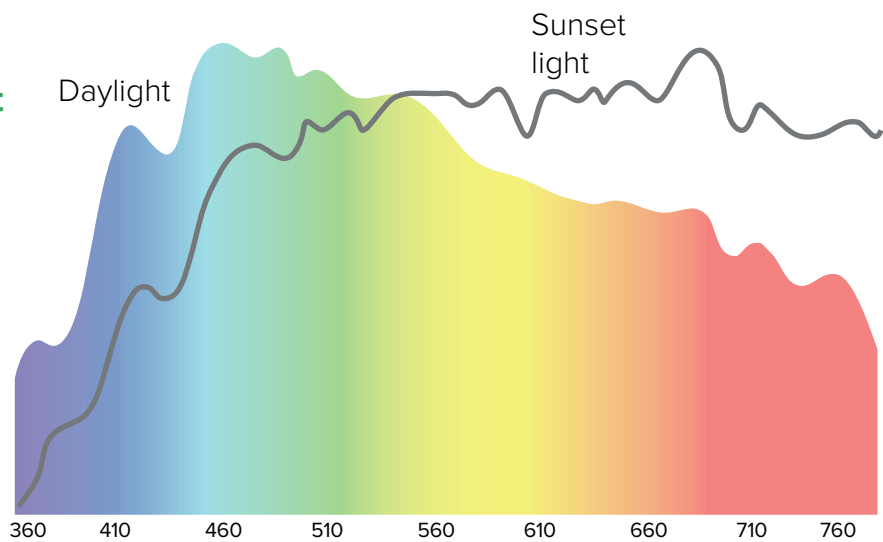


Standart light sources

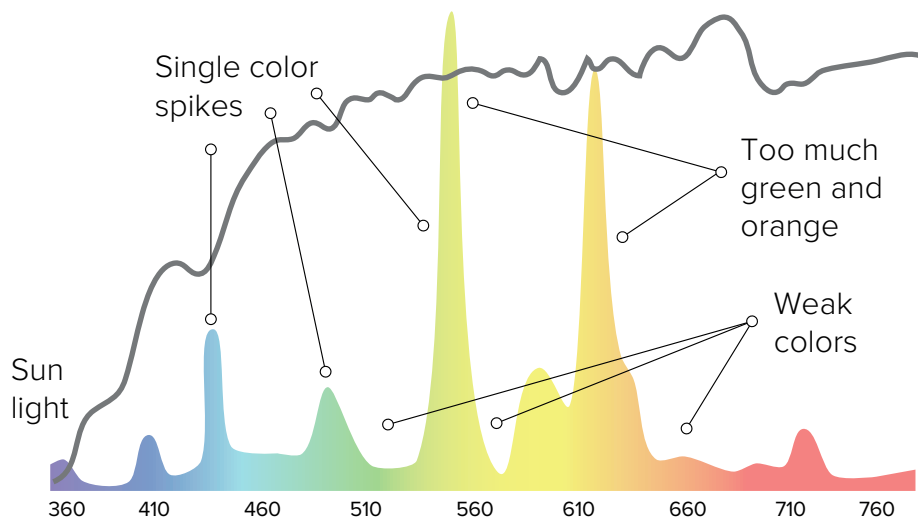
Incandescent light bulb (2700K) and halogen light bulb (3000K)



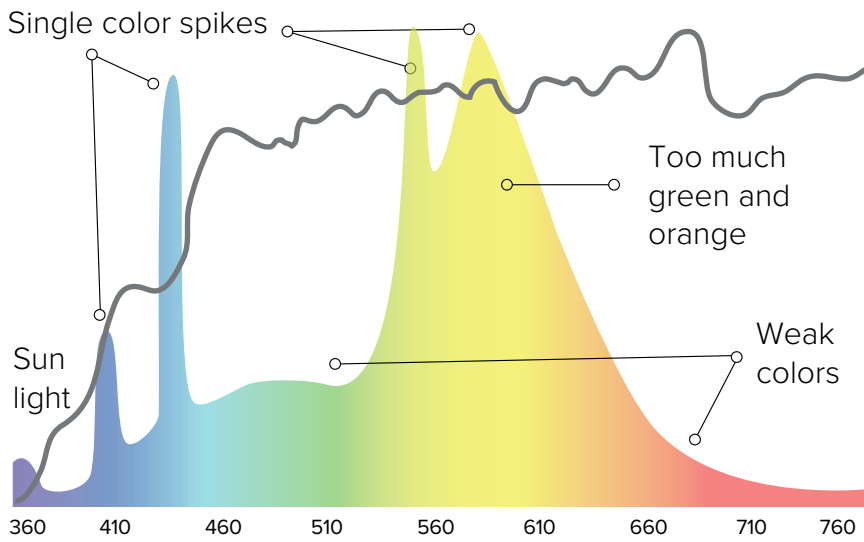
Morning sunlight (7000K) and sunset light (4000K)



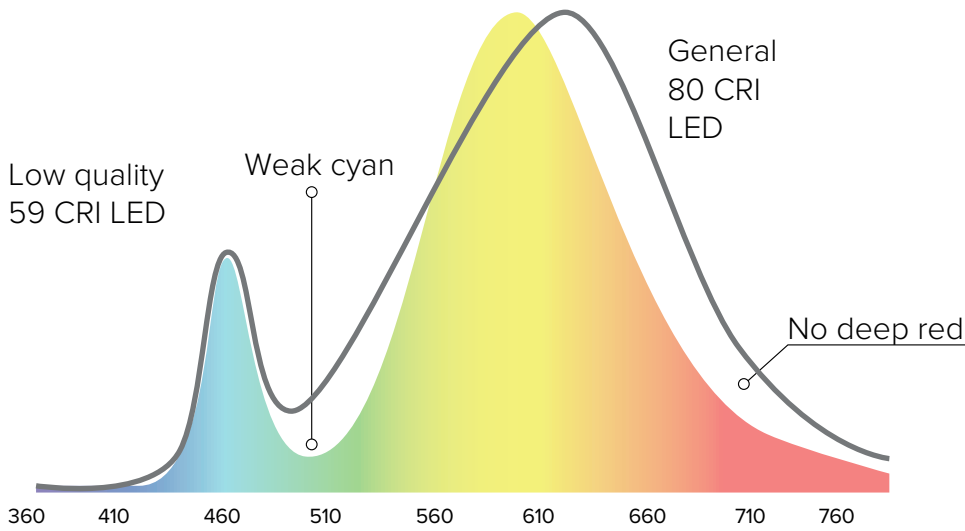
CFL light bulb (3500K)



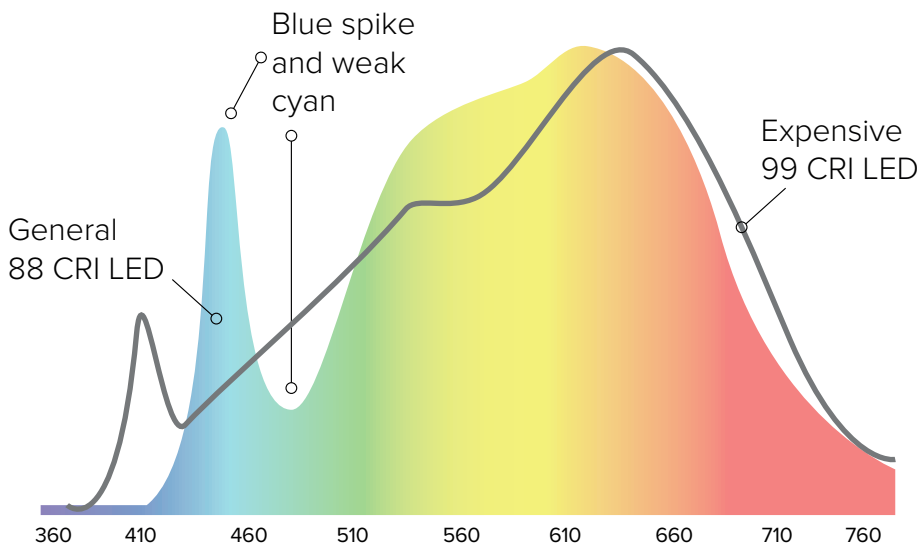
Fluorescent lamp for offices (4000K)



Low quality LED light bulb



High quality LED light bulb



CCT,K	CRI SVET	RGBW light bulb #1 (ref 1)	RGBW light bulb #2 (ref 2)	CCT,K	CRI SVET	RGBW light bulb #1 (ref 1)	RGBW light bulb #2 (ref 2)
1800	92	—	<84	4000	90	86	82
2200	94	57	89	5000	95	89	79
2700	93	79	92	6000	96	92	76
3000	92	95	91	7000	95	89	78

SVET A21 LED light bulb 13 W

Output range: **1000 lumen; CRI 90-96**

Beam angle range: **130°**

Color temperature range: **1800-8000 K**



Form Factor

Width: 65mm (2.56")

Height: 138mm (5.43")

Weight: 240g

Electrical

Wattage: 13W

Power factor: 0.9

Voltage: 100-240V/50Hz

Operating Temperature

Minimum: 0°C (ambient)

Typical: 65°C - 75°C (LED)

Maximum: 90°C (LED)

Dimmable to <5%

Flicker Index < 0.1

Percent Flicker: <1% (brightness >60%)

SVET BR30 LED light bulb 13 W

Output range: **1000 lumen; CRI 90-96**

Beam angle range: **120°**

Color temperature range: **1800-8000 K**



Form Factor

Width: 95mm (3.74")

Height: 129mm (5.08")

Weight: 260g

Electrical

Wattage: 13W

Power factor: 0.9

Voltage: 100-240V/50Hz

Operating Temperature

Minimum: 0°C (ambient)

Typical: 65°C - 75°C (LED)

Maximum: 90°C (LED)

Dimmable to <5%

Flicker Index < 0.1

Percent Flicker: <1% (brightness >60%)



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