



● BLAUPUNKT

Enjoy it.

Accurate Color Lamps
for Commercial Use

What is color rendering index (CRI)?

A color rendering index (CRI) is a quantitative measure of the ability of a light source to reveal the colors of various objects faithfully in comparison with an ideal or natural light source. Light sources with a high CRI are desirable in color-critical applications such as supermarkets, grocery stores, fabric stores etc.

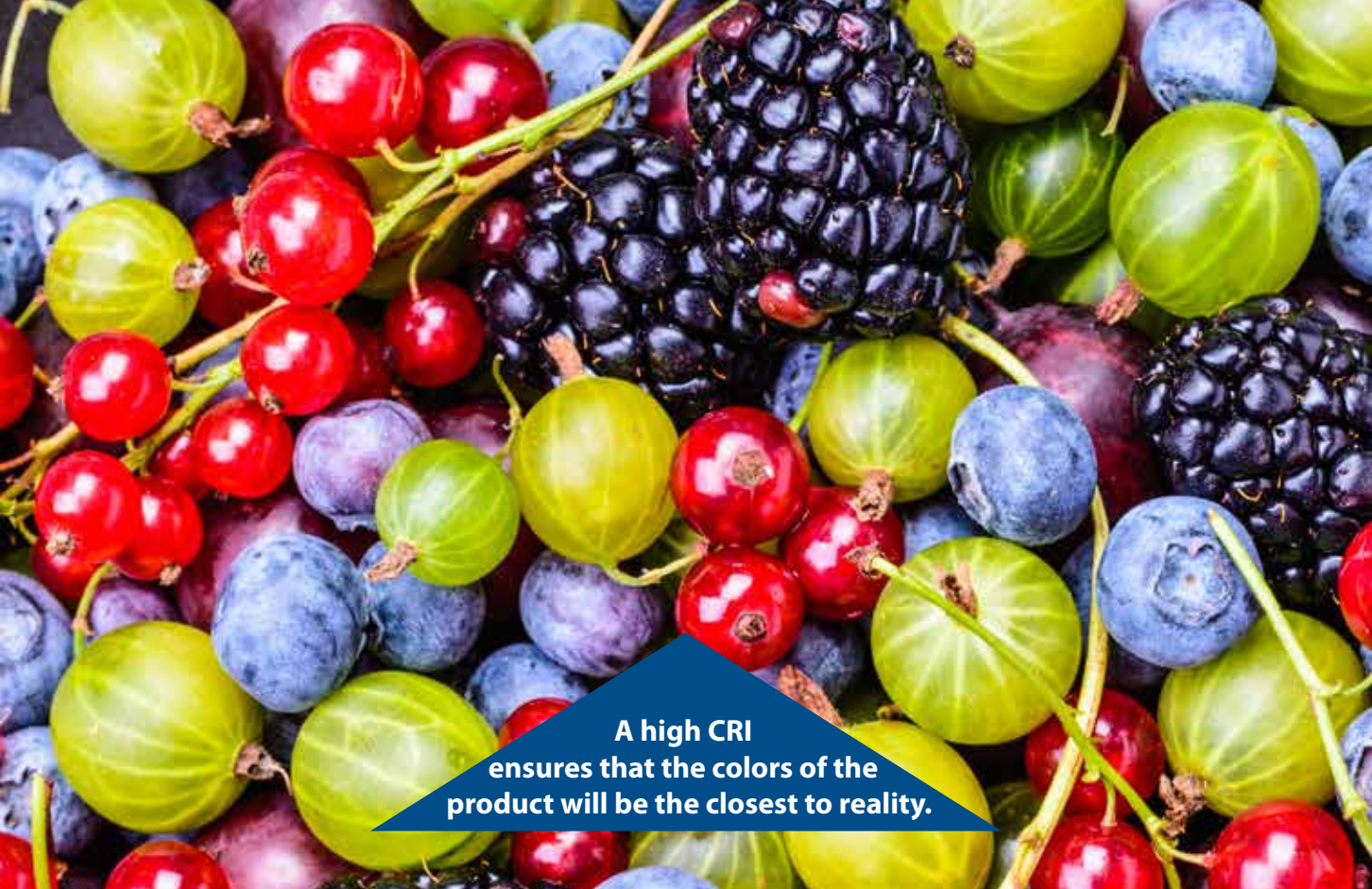
It is defined by the International Commission on Illumination (CIE) as follows:
Color rendering: Effect of an illuminant on the color appearance of objects by conscious or subconscious comparison with their color appearance under a reference illuminant.

The higher the CRI, the greater the ability of the lamp to reproduce the faithful color of the product.

Color Rendering Index (CRI) vs Correlated Color Temperature (CCT).

Color temperature defines the color appearance. CCT is defined in degrees Kelvin; a warm light is around 2700K, moving to neutral white at around 4000K, and to cool white, at 5000K or more. Note that CCT does not tell you anything about the color rendering ability.

The CRI indicates the ability of a light source to reveal the colors of various objects accurately, independently of the lamp color temperature. The CRI focuses on presentation as close to the real color of the object or product. Therefore lamps with high CRI are so important to point of sales, where it is essential that the product is presented with faithful colors.



**A high CRI
ensures that the colors of the
product will be the closest to reality.**

The CRI, along with the chosen CCT, determines how the colors of your product will be presented.



**A low or undetermined CRI, does not guarantee
a perfect display of colors. Compromising
the quality of product
presentation.**

T8 LED TUBES

- HIGH CRI (>90)
- AVAILABLE IN THREE COLOR TEMPERATURES
- HIGH EFFICIENCY (90LM/W to 120LM/W)

- Forming by optical materials. Adopting high-tech PC-color fabric or glass, good insulation performance. By over 95% light transmission, good pure color, no glare, no dark areas, effectively prevent harmful glare and achieve the perfect light to protect our eyes.

- Using fire-retardant materials, safe and durable by testing.

- Adopting super brightness SMD LED light source, high luminous efficiency and energy saving. It saves up to 75% of when compared to the electronic energy-saving lamps.

- Mainly used in home lighting, comercial lighting, living rooms, bedrooms, study rooms, balconies, corridors, etc.

TECHNICAL PARAMETERS



T8 LED PC

CCT 2700K / 4000K / 6500K

60CM / 9W / 800LM

Power: 9W
Luminous flux: 800LM
Prduct size: 60 cm
Material: Plastic
Efficiency: 90LM/W
CCT: 2700K / 4000K / 6500K
Voltage: AC100-240V / 50-60Hz
IP20 / SMD 2835 / CRI > 90

120CM / 18W / 1700LM

Power: 18W
Luminous flux: 1700LM
Prduct size: 120 cm
Material: Plastic
Efficiency: 90LM/W
CCT: 2700K / 4000K / 6500K
Voltage: AC100-240V / 50-60Hz
IP20 / SMD 2835 / CRI > 90

120CM / 22W / 1900LM

Power: 22W
Luminous flux: 1900LM
Prduct size: 120 cm
Material: Plastic
Efficiency: 90LM/W
CCT: 2700K / 4000K / 6500K
Voltage: AC100-240V / 50-60Hz
IP20 / SMD 2835 / CRI > 90

150CM / 24W / 2100LM

Power: 24W
Luminous flux: 2100LM
Prduct size: 150 cm
Material: Plastic
Efficiency: 90LM/W
CCT: 2700K / 4000K / 6500K
Voltage: AC100-240V / 50-60Hz
IP20 / SMD 2835 / CRI > 90

T8 LED GLASS

CCT 2700K / 4000K / 6500K

60CM / 9W / 800LM

Power: 9W
Luminous flux: 800LM
Prduct size: 60 cm
Material: Glass
Efficiency: 90LM/W
CCT: 2700K / 4000K / 6500K
Voltage: AC100-240V / 50-60Hz
IP20 / SMD 2835 / CRI > 90

120CM / 18W / 1700LM

Power: 18W
Luminous flux: 1700LM
Prduct size: 120 cm
Material: Glass
Efficiency: 90LM/W
CCT: 2700K / 4000K / 6500K
Voltage: AC100-240V / 50-60Hz
IP20 / SMD 2835 / CRI > 90

120CM / 22W / 1900LM

Power: 22W
Luminous flux: 1900LM
Prduct size: 120 cm
Material: Glass
Efficiency: 90LM/W
CCT: 2700K / 4000K / 6500K
Voltage: AC100-240V / 50-60Hz
IP20 / SMD 2835 / CRI > 90

CCT 2700K / CRI > 90



CCT 4000K / CRI > 90



CCT 6500K / CRI > 90



HIGH BAY

- HIGH CRI (>90)
- AVAILABLE IN THREE COLOR TEMPERATURES
- RAIN-PROOF / DAMP-PROOF / INSECT-PROOF

- Aluminum, stretch forming, surface anodized and hardened, high gloss.
- High-quality aluminum reflective lampshade, reflective surface of lampshade is grinding processing, makes reflected light more uniform, soft. Spotlight cover and diffuse cover are available.
- Unique cooling design, a perfect combination with electric box, effective heat conduction diffusion, reduce the temperature of the housing, effectively ensure the service life of the light source and power supply.
- Using high power LED light source, equipped with imported high efficiency driver power, compared with the sodium lamp energy saving more than 70%, real high efficiency and energy saving.
- Mainly used in workshop, factory, warehouse, highway toll station, gas station, large supermarket, exhibition hall, gymnasium and other lighting places.
- Compared with the sodium lamp energy it saves more than 70%.



TECHNICAL PARAMETERS



20W to 50W / 1800LM to 4500LM
CCT 2700K / 4000K / 6500K

Power: 20W to 50W
Luminous flux: 1800LM to 4500LM
Product size: 255 x 185 mm
Material: Aluminum + PC LED cover
LED lifetime: 25000 hours
CCT: 2700K / 4000K / 6500K
Input voltage: AC100-240V / 50-60Hz
CRI > 90

Colors:



30W to 100W / 2700LM to 9000LM
CCT 2700K / 4000K / 6500K

Power: 30W to 100W
Luminous flux: 2700LM to 9000LM
Product size: 245 x 250 mm
Material: Aluminum + PC LED cover
LED lifetime: 25000 hours
CCT: 2700K / 4000K / 6500K
Input voltage: AC100-240V / 50-60Hz
CRI > 90

Colors:



50W to 150W / 4500LM to 13500LM
CCT 2700K / 4000K / 6500K

Power: 50W to 150W
Luminous flux: 4500LM to 13500LM
Product size: 300 x 235 mm
Material: Aluminum + PC LED cover
LED lifetime: 25000 hours
CCT: 2700K / 4000K / 6500K
Input voltage: AC100-240V / 50-60Hz
CRI > 90

Colors:

CCT 2700K / CRI > 90



CCT 4000K / CRI > 90



CCT 6500K / CRI > 90



T8 LED WATERPROOF

- IP65
- AVAILABLE IN THREE COLOR TEMPERATURES
- HIGH EFFICIENCY (90LM/W to 120LM/W)



TECHNICAL PARAMETERS

120CM / 22W / 1900LM

60cm - 1 x 9W

Luminous flux: 800 lm
Material ABS base + PS/PC cover
+ Plastic led tube
CCT: 4000K / 5000K / 6500K
Bivolt AC100-240V / 50-60Hz
PF > 0.9 / BA: 120° / CRI ≥ 80 / IP65
Model: TP118C-LED

120cm - 1 x 18W

Luminous flux: 1700 lm
Material ABS base + PS/PC cover
+ Plastic led tube
CCT: 4000K / 5000K / 6500K
Bivolt AC100-240V / 50-60Hz
PF > 0.9 / BA: 120° / CRI ≥ 80 / IP65
Model: TP118C-LED

150cm - 1 x 24W

Luminous flux: 2000 lm
Material ABS base + PS/PC cover
+ Plastic led tube
CCT: 4000K / 5000K / 6500K
Bivolt AC100-240V / 50-60Hz
PF > 0.9 / BA: 120° / CRI ≥ 80 / IP65
Model: TP118C-LED

60cm - 2 x 9W

Luminous flux: 1600 lm
Material ABS base + PS/PC cover
+ Plastic led tube
CCT: 4000K / 5000K / 6500K
Bivolt AC100-240V / 50-60Hz
PF > 0.9 / BA: 140° / CRI ≥ 80 / IP65
Model: TP118C-LED

120cm - 2 x 18W

Luminous flux: 3400 lm
Material ABS base + PS/PC cover
+ Plastic led tube
CCT: 4000K / 5000K / 6500K
Bivolt AC100-240V / 50-60Hz
PF > 0.9 / BA: 140° / CRI ≥ 80 / IP65
Model: TP118C-LED

150cm - 2 x 24W

Luminous flux: 4000 lm
Material ABS base + PS/PC cover
+ Plastic led tube
CCT: 4000K / 5000K / 6500K
Bivolt AC100-240V / 50-60Hz
PF > 0.9 / BA: 140° / CRI ≥ 80 / IP65
Model: TP118C-LED

800lm / CRI > 80



1700lm / CRI > 80



3400lm / CRI > 80



CANOPY LIGHT

- IP65
- OPERATION TEMPERATURE -30°C~50°C
- POWER 80W



*illustrative image

TECHNICAL PARAMETERS

80W / 6500K

Lumens efficiency: >70lm/w

Ra > 70

Beam angle: 130°x60°

CCT: 6500K

Operation Temperature: -30°C ~50°C

Dimensions (mm): 535x265x90

IP65

Model: RH727

CCT 6500K / PF >0.9





Enjoy it.

