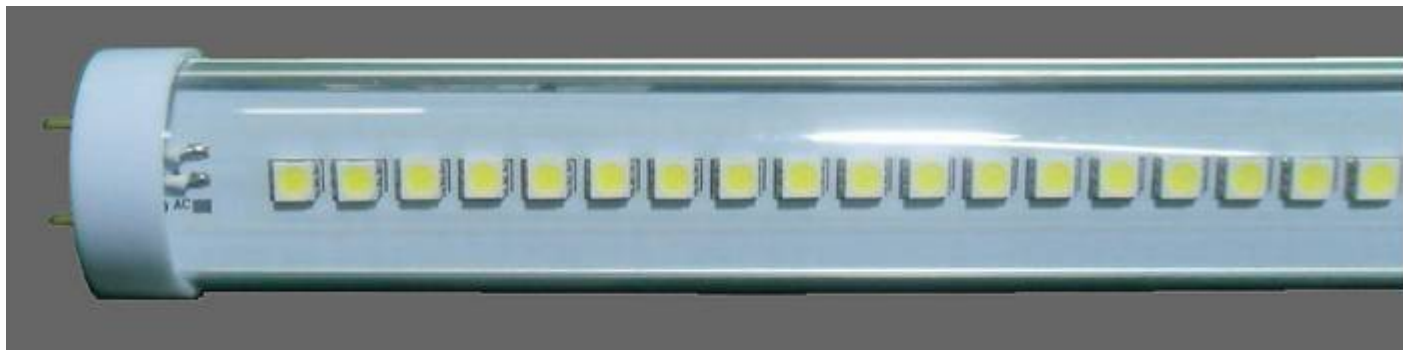




:: TUBES LED ::



TUBE LED 8W 60CM T8 HIGH BRIGHT 670 LUMENS



ITEM:		LED:	36 smd 5050 high bright Epistar
POWER:	8W 180-260VAC	COULEUR LED:	6500/4500/3000K
FACTEUR DE PUISSANCE:	0,947	LUMENS:	670lm 91LM/W
IRC:	80	DIMENSIONS:	600x31mm
ANGLE:	150°	SOCKET:	G13 T8

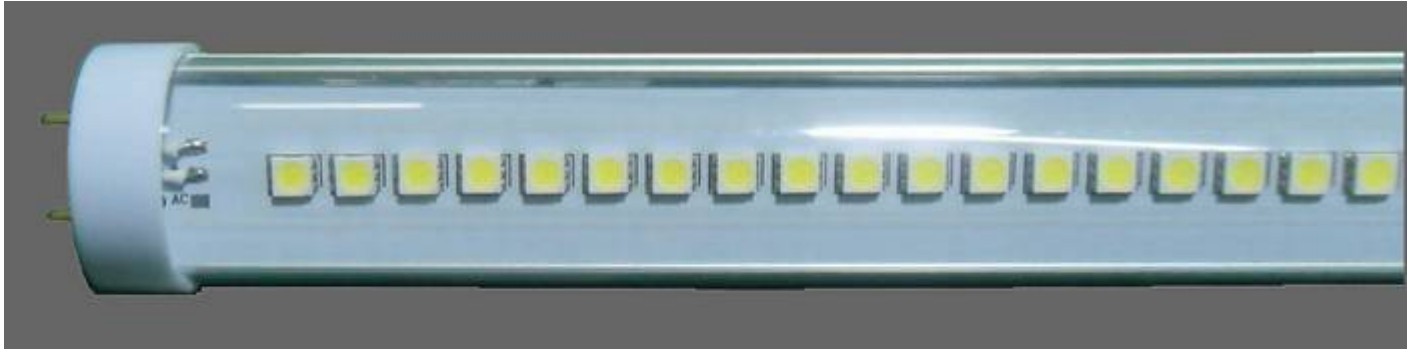
>Radiateur Aluminium pour une meilleure dissipation de la chaleur+Cover en PC+Embouts PC



REF	DESCRIPTION
PP0088SHT12060	LED TUBE 8W T8 SMD 36 LED 5050 600mm 6000K 670 LM
PP0088SHT12045	LED TUBE 8W T8 SMD 36 LED 5050 600mm 4500K *
PP0088SHT12030	LED TUBE 8W T8 SMD 36 LED 5050 600mm 3000K *

*sur commande

TUBE LED 21W 120CM T10 HIGH BRIGHT 2224 LUMENS



ITEM:		LED:	Smd 5050 high bright Epistar
POWER:	21W 180-260VAC	COULEUR LED:	6500/4500/3000K
FACTEUR DE PUISSANCE:	0,947	LUMENS:	2224,30lm 91LM/W
IRC:	80	DIMENSIONS:	1200x31mm
ANGLE:	150°	SOCKET:	G13 T10

>Radiateur Aluminium pour une meilleure dissipation de la chaleur+Cover en PC+Embouts PC



REF	DESCRIPTION
PP0219SHT12060	LED TUBE 21W T10 SMD 144 LED 5050 1200mm 6000K 2224 LM
PP0219SHT12045	LED TUBE 21W T10 SMD 144 LED 5050 1200mm 4500K *
PP0219SHT12030	LED TUBE 21W T10 SMD 144 LED 5050 1200mm 3000K *
PP0189SHT12060	LED TUBE 18W T10 SMD 96 LED 5050 1200mm 6000K * 1670 LM
PP0189SHT12045	LED TUBE 18W T10 SMD 96 LED 5050 1200mm 4500K *
PP0189SHT12030	LED TUBE 18W T10 SMD 96 LED 5050 1200mm 3000K *

*sur commande

TUBES LED

TEST DU TUBE LED HIGH BRIGHT

Environmental Temperature : 17.40 °C Environmental Humidity : 65%

Date of Testing : 27th January 2010

>Chromo Parameter

Coordinate : $x=0.3197$ $y=0.3635$ $u=0.1902$ $v=0.4866$ ($duv=1.66e-002$)

Color Temperature : $T_c=5909K$

Color Proportion : R=11.4% G=84.3% B=4.2% Peak Value of Wave Length : 445nm

Half Breadth : 18.6 nm Main Wavelength : 524.5nm

Color Pure : 6.1% Average Wavelength : 546nm

>Ra

Ra=75.5

R1=49 R2=64 R3=88 R4=66 R5=64 R6=69 R7=85 R8=51 R9= 0 R10=46

R11=61 R12=36 R13=65 R14=91 R15=42

>Photometric Parameter

Lumen : 2224.30 lm

Lighting Effect : 91.43 lm/W

Radiation Wattage : 6.109 W

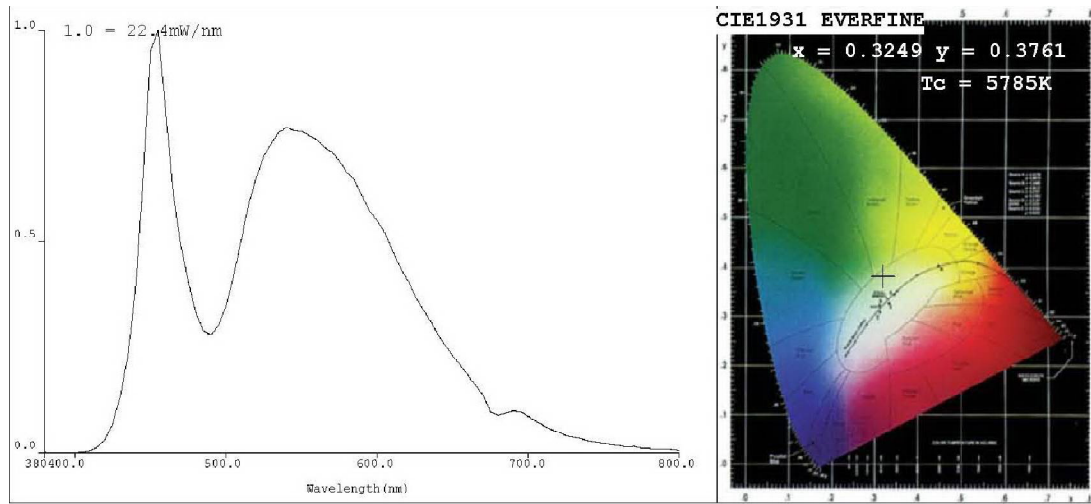
>Electric Parameter

Voltage : U=221.3 V Current : I=0.1161 A Wattage : P=24.33W Power Factor : PF=0.947

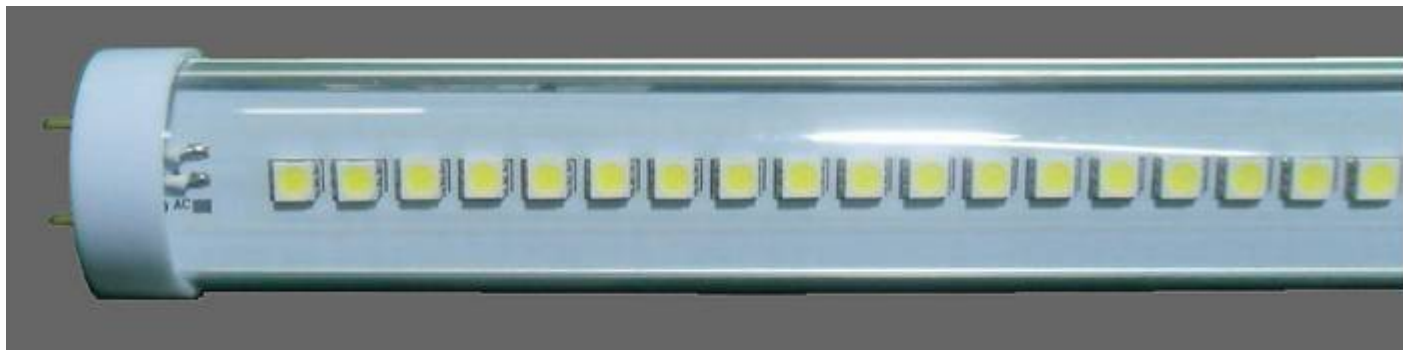
>Status

Scan Scope : 380nm – 880nm Scan Spacing : 5.0nm

Main Channel Gain : $I_p=23386(G=5,D=52)$ Reference Channel Gain : 46011



TUBE LED 21W 150CM T10 HIGH BRIGHT 2224 LUMENS



ITEM:		LED:	Smd 5050 high bright Epistar
POWER:	21W 180-260VAC	COULEUR LED:	6500/4500/3000K
FACTEUR DE PUISSANCE:	0,947	LUMENS:	2224,30lm 91LM/W
IRC:	80	DIMENSIONS:	1500x31mm
ANGLE:	150°	SOCKET:	G13 T10

>Radiateur Aluminium pour une meilleure dissipation de la chaleur+Cover en PC+Embouts PC



REF	DESCRIPTION
PPB0219SHT12060	LED TUBE 21W T10 SMD 144 LED 5050 1500mm 6000K 2224 LM
PPB0219SHT12045	LED TUBE 21W T10 SMD 144 LED 5050 1500mm 4500K *
PPB0219SHT12030	LED TUBE 21W T10 SMD 144 LED 5050 1500mm 3000K *

*sur commande

Tube LED T8 iBright SMD CREE



BASIC SPECIFICATIONS:

Light Source SMD LED CREE included external power supply

Color Temperature

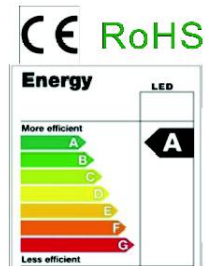
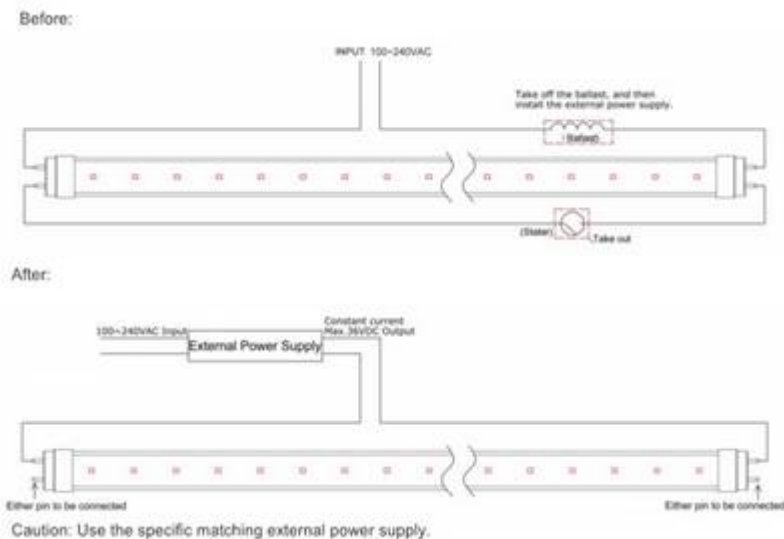
Warm White 3000K, Neutral White 4000K, Cool White 6000K

LED Quantity :

iBright™ T8s (EPS)	Matching External Power Supply
HFL-8030N-060601-L3 (30LEDs, 0.6m)	HPS-FL270-36000-00 (Output: 270mA, Max.36VDC)
HFL-8060N-120601-L3 (60LEDs, 1.2 m)	HPS-FL540-36000-00 (Output: 540mA, Max.36VDC)
HFL-8081N-150601-L3 (81LEDs, 1.5m)	HPS-FL810-36000-00 (Output: 810mA, Max.36VDC)

Life Time 50 000 hours

Installation :



Attention to lighting effects such as temperature, humidity and ventilation will affect LED lumen consistency.

View Angle 120°

Power Consumption : 9W+-1W, 18W+-1W, 25W+-1W

Luminous Efficacy 65-80 lm/W

Lumens : 650-800 lm

Operation Temperature :-20 to 40°C

Dimensions : 600 mm, 1200 mm, 1500 mm