

# SM 120T

## LED TUNNEL LIGHT

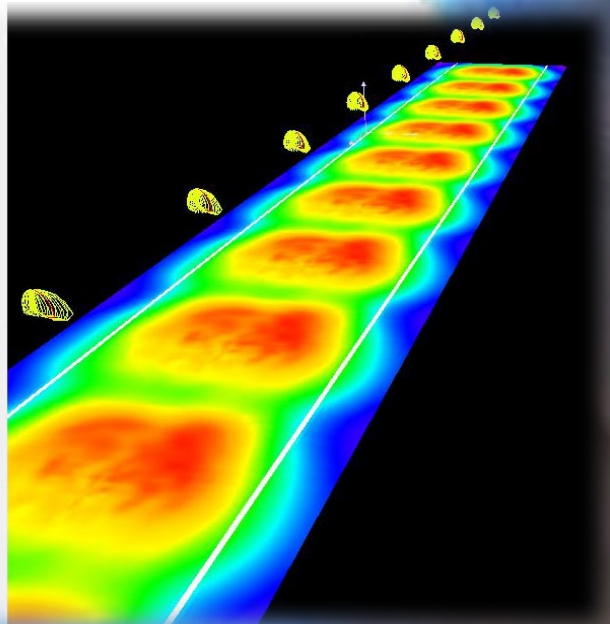
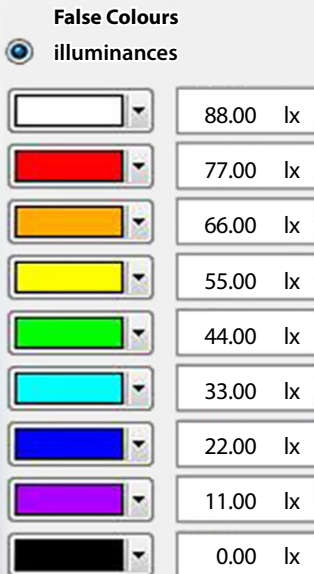
WORLDWIDE POWERED

ACTIVE POWER FACTOR CORRECTION (PFC)

LEDs – 160 LM/W

### SM 120T

- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE



# SM120T

## SPECIFICATIONS

AC Input Voltage	90 ÷ 305 V AC
DC Input Voltage	127 ÷ 431 V DC
Mains Frequency	47 ÷ 63 Hz
Power Factor (PF) at 230 V	min 95 %
Power Factor (PF) at 115 V	min 98 %
LED Power	115.2 W
Power Efficiency	90 %
Total Power Dissipation	126 W
LED Light Output	160 lm/W
Current Efficiency	81 %
LED Luminous Flux	14 788 lm
Junction Temperature at Ta = 25°C	70°C
Thermal Efficiency	91 %
Lens Efficiency	92 %
Real Luminaire Efficacy (LER)	98 lm/W
Color Rendering Index (CRI)	65 ÷ 80
Real Lamp Luminous Flux for:	
Cool White (4000 ÷ 6200 K)	12 380 lm
Neutral White (3700 ÷ 5000 K)	11 480 lm
Warm White (2600 ÷ 4300 K)	9 720 lm
Zero Light Pollution	0 cd at 90°
Operating Temperature	-40° ÷ +45°C
Operating Humidity	10 ÷ 95 % RH
Lifespan L70	> 160 000 h
Ingress protection rating	IP 65
Electrical Safety Class	Class II
Polycarbonate optical cover	optional
Body	Marine Grade Aluminium Alloy
Dimensions	710 x 180 x 120 mm
Weight	6 kg



## SM120T Application

Tunnel 3 lanes x 3.5 m

L = 10 m; H = 7.5 m