



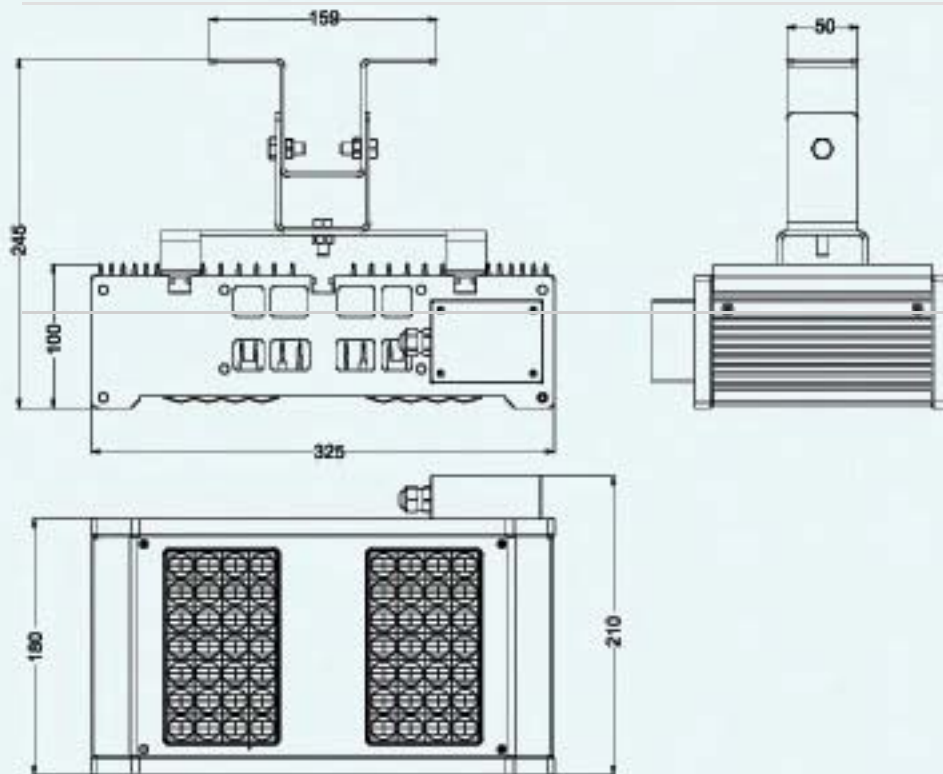
High Power LED Tunnel Light



SD2 TUNNEL LIGHT

Power Consumption	56W (For LED consumption only, the system with the power supply is about 75W)
Working Voltage	85-300VAC, 12 or 24VAC/DC
Luminous Flux	4,200lm (equal to 250W HPS Lamp)
Special Features	Integrated LED streetlight with Heater and Lamp Bracket all-in-one, IP65.

Figure



High Power LED Tunnel Light

Technical Parameters

Item	Mode	SD2
Input Voltage		AC 85 ~ 264 V
Frequency Range		47 ~ 63 Hz
Frequency Range		> 0.9
Total Harmonic Distortion(THD)		<20%
Power Efficiency		85%
LED Working Voltage		24 VDC
LED Consumption		56 W
Power Supply Consumption		10W
LED Luminous Efficiency		> 80 lm/w
LED Initial Flux		5,000 lm (Tj=25℃)
LED Maintain Flux		4,600 lm (Tj=60℃ , Ta=25℃)
Lamp's Flux		4,200 lm (Tj=60℃ , Ta=25℃)
Lamp's Efficiency(%)		>90 %
IIIumination(E)		(height=4 m): > 80 LUX (The equivalent of high pressure sodium lamp 200 LUX) (height=5 m): > 38 LUX (The equivalent of high pressure sodium lamp 95 LUX) (height=6 m): > 26 LUX (The equivalent of high pressure sodium lamp 65 LUX) (height=7 m): > 20 LUX (The equivalent of high pressure sodium lamp 50 LUX) (height=8 m): > 15 LUX (The equivalent of high pressure sodium lamp 38 LUX)
Effective IIIuminated Area		(height=4 m): 13×5 m (height=5 m): 16×6 m (height=6 m): 20×8 m (height=7 m): 23×9 m (height=8 m): 26×10 m
Color Temperature(CCT)		PureWhite: 5000 ~ 7000 K, WarmWhite:3000 ~ 4000K
Color Index(CRI)		> 75
Light Source		BBE Emitter (1 Watt)
Light Distribution Curve/Beam Pattern		Asymmetric(Bat Wing)/Rectangular Beam
The Maximum Light Intensity Angle		The Horizontal Axis: 110° , The Vertical Axis: 45°
Light Beam Angle		The Horizontal Axis: 120° , The Vertical Axis: 60°
Junction Temperature(Tj)		60 ℃ ± 1 0% (Ta= 25℃)
System Resistance(Rja)		0.5℃/ W
Working Temperature		- 30 ℃~ 50℃
Working Humidity		10 % ~ 90 % RH
Storage Temperature		10 ℃~ 85 ℃
Working Life		>50,000 Hrs
Light Body & Lampshade Material		Aluminum Alloy and PC
Dimensions(mm)		325(L) X 210(W) X100 (H)
Net Weight		4.8 kg
IP Rating		IP 65