

The specification of the Flood light



Features

High Luminous Efficacy

EBT LED tunnel lamp reached more than 100lm/w,with the highest Luminous Efficiency for the garden light in the world,is the three times higher than ordinary quartz metal halide lamps and COM,is also the three timemore than HPS.

Low JunctionTemperature

EBT LED wall light adopting its owned special thermal management system.which can significantly improve the efficiency of the three radiating ways via conduction,convection,radiation,ensure that the junction temperature less than 55 at under full power operation conditions.

Long life

According to the America energy star LM-80 standarn,the life is more than 50000hours.

High CRI

LED tunnel lamp spectrum close to the sunlight,the higher color rendering index can reach 90,revert scene colors more vivid,more real than HPS.

Low Luminous Decreasing

6000hours ,luminous decreasing<3%

Energy Saving

Saving 60% more than additional lighting source

Structure Features

Modular Design

Each 30W and 60W is individual model for easymaintenance.

Craft

The lamp post,main beam bracket and radiatorwhich are all molded of AL6063aluminious alloy,The cover is made through anodic oxidation and powder spraying and it has the characters heat-resisitant,anti-oxidation and anti-ultraviolet.

Glass

Use High-intensity explosion-proof glass,Unbreakable,good light transmittance.

Chip

We adopt the Cree brand LED CHIP AND Bridgelux brand chip etc.the customer's requirement also can be customized.

Driver

The adoption of the driver which made by EBT company is a priority.The subject voltage range is wilder,more excellent antijamming ability,high efficiency,low temperature,long lifetime,The Philips etc brands are also optional.

Lens

Using Germany pmma material.anti-UV,longlife,Accurate light distribution,Good evenness of the light for pavement.

Application

Building lighting Overpass ,city square,Billboard Landscape lighting etc.

Product parameters

Item No	EBT-TGD2400W
Total Power	2400W
Working Voltage & working Frequency	AC185-264V/50-60Hz
(PF) Power Factor	≥0.95
Drive Power Efficiency	≥92%
Driver Type	Constant current drive
LED Lamp beads	240 PCS
Luminous Flux	≥26400LM
Luminous Efficacy	110LM/W
Color Temp	6000K
Light Distribution Curve /Facula	Symtetric bat-wing light / rectangular beam
Dimming mode	No Dimming
Operating Environment	-40-+50°C
Lifetime	50000 hours
IP	IP65