



FL3000 LED tunnel light

A modular high intensity tunnel light developed for replacement of 250W to 400W HID lamp in courtyard and tunnel lighting application. Highly efficient in energy saving with marginal cost of operation



General Characteristic

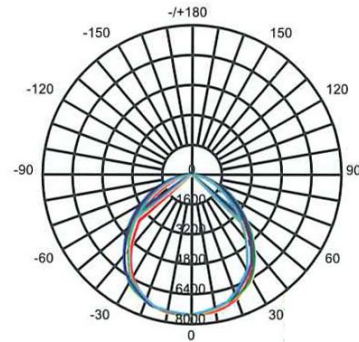
Body structure	Die-cast aluminum alloy framework integrated with standard LED module thus providing a reliable thermal management system for durability.
Diffuser	Clear tempered glass
Finishing	Anodized in black color
Rated life span	≥40000 hours (accumulative)
Ingress protection	IP65
Certification	CE, FCC, RoHS

Light Characteristic

Light source	Bridgelux 45mil
LED module	Modular high-power LED
Color rendering index	Ra ≥75
Color temperature	3200K (K3); 4200K (K4); 6500K (K5)
Luminous efficacy	≥95 lumen per watt
RF interference	Free
Beam angle	100 degree
Ultra violet rays	Free
Operation temperature	-30° ~+65°C (max)

Electrical Characteristic (electronic gear)

AC input voltage range	90~305VAC, 47~63Hz
Power factor	PF ≥0.9
Current regulation	±3%
Protection type	OCP, OVP, OTP, SCP
Output current	0.25~1.2A
Typical efficiency	90%
Working temperature	-40°C ~ 50°C
Storage temperature	-40°C ~ 85°C
Ingress protection	IP65 compliant
Safety standard	UL8750
EMI	EN55015 Class B
Harmonic current	2, Class C



Typical Spectral Diagram



FL3230-48W060



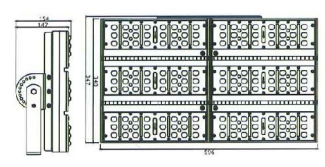
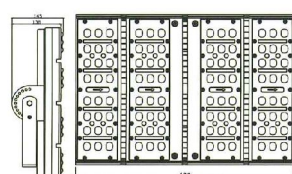
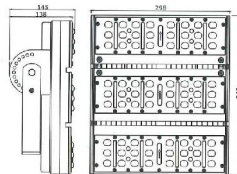
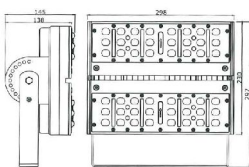
FL3340-072W090



FL3430-096W120



FL3600-144W180



Product Specification

Model number	Power		Size OA (mm)			Luminous efficacy	HID Compatible		
	Rated	System	L	W	H		Metal halite	HPS	Mercury Vapor
FL3230-048W060	60.0W	66.7W	298	230	145	5700 lumen	150W	100W	175W
FL3340-072W090	90.0W	100.0W	340	298	145	8100 Lumen	175W	150W	250W
FL3430-096W120	120.0W	133.3W	298	430	145	10800 Lumen	250W	200W	400W
FL3600-144W180	180.0W	200.0W	596	340	147	16200 Lumen	400W	250W	600W