

## FEATURES

For LED Retail & Outdoor Application  
 Wide Input Range for Worldwide use (up to 305Vac)  
 Built-in PFC Function: up to PF 0.99  
 IP65 Design for Outdoor Installation  
 Suitable to Dry, Damp, Wet Location  
 High Surge Protection: 4kV(IEC61000-4-5)  
 1-10V Dimming Function  
 High Reliability & Long Life 50,000hrs  
 Constant Current Design  
 Isolation Class II Design, No F.G.  
 Type HL LED Driver for use in Class I Division 2 hazardous location luminaires  
 All-Round Protections: Short Circuit/ Over Voltage/ Over Temperature  
 Safety: Meet IEC61347-2-13, UL8750 & EMI EN55015



## PRODUCT HIGHLIGHT

**Output Voltage/Current** 1050mA/13-24V  
**Dimming:** 1-10V Dimming

## SPECIFICATION

<b>Model Name</b>	FSP25-FZAP(105)VG	
<b>Wattage</b>	25W	
<b>Case</b>	Plastic	
<b>IP Level</b>	IP65	
<b>Dimming</b>	1-10V	
<b>Input Electrical Specification</b>	<b>Input Voltage</b>	100~277 Vac
	<b>Input Frequency</b>	47~63 Hz
	<b>PFC</b>	≥ 0.99
	<b>Input Current</b>	≤ 0.3A /120Vac ; ≤ 0.2A /230Vac ; ≤ 0.2A /277Vac
	<b>Inrush Current</b>	5A
<b>Constant Current / Constant Voltage</b>	Constant Current	
<b>Output Voltage and Current Rating</b>	Output1	13-24 V , 1050 mA
<b>Output Electrical Specification</b>	<b>Efficiency</b>	≥ 87 %
	<b>Life</b>	50,000 hours at Tcase of ≤ 70°C
	<b>Protection Function</b>	OVP,OTP,OPP,SCP
<b>Environmental Requirement</b>	<b>TEMP. Range</b>	Operating : -25°C to +70°C Storage : -35°C to +70°C
	<b>EMC performance</b>	<b>EN55015</b>
<b>EN61000-3-2</b>		Class C
<b>EN61000-4-5</b>		Differential Mode: 4KV
<b>Dimension</b>	78mm(L) x 80.3mm(W)x 25.4mm(H)	

## PROTECTION FUNCTIONS

OVP,OTP,OPP,SCP

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