

PGAM 40W-60W IP30

American gauge



Product family features

- Rated input voltage: 347-480V/ac
- Input voltage range: 312-528V/ac
- THD<20%
- Operating temperature: -25°C~+55°C
- Max. case temperature: 90°C
- Protection grade: IP30
- Protections: Short circuit, overload, no-load, Over temperature protection
- Warranty: 5 years
- Application: : Linear high Bays, low Bays, Round High Bays, Strip Lights

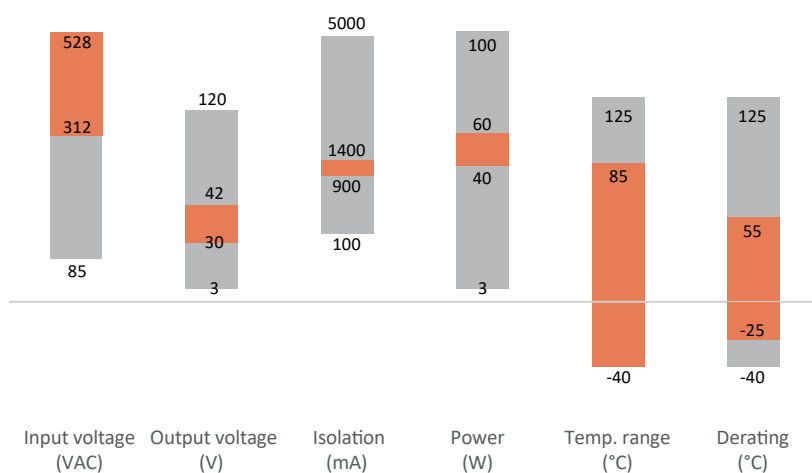


Areas of application

- Industrial lighting



Summary



Product datasheet

Technical data

Electrical data

Product Modle	Rated Power	Input Voltage	Output Current	Output Voltage Range	Power Factor	Efficiency	Size	Certification
PGAM040C0900VSLM2	40W	347-480V	900mA	30-42V	0.9	84%	242*45*30.5mm	UL
PGAM040C0950VSLM2	40W	347-480V	950mA	30-42V	0.9	84%	242*45*30.5mm	UL
PGAM040C1000VSLM2	40W	347-480V	1000mA	30-42V	0.9	84%	242*45*30.5mm	UL
PGAM050C1050VSLM2	50W	347-480V	1050mA	30-42V	0.9	84%	242*45*30.5mm	UL
PGAM050C1100VSLM2	50W	347-480V	1100mA	30-42V	0.9	84%	242*45*30.5mm	UL
PGAM050C1150VSLM2	50W	347-480V	1150mA	30-42V	0.9	84%	242*45*30.5mm	UL
PGAM050C1200VSLM2	50W	347-480V	1200mA	30-42V	0.9	84%	242*45*30.5mm	UL
PGAM060C1250VSLM2	60W	347-480V	1250mA	30-42V	0.9	85%	242*45*30.5mm	UL
PGAM060C1300VSLM2	60W	347-480V	1300mA	30-42V	0.9	85%	242*45*30.5mm	UL
PGAM060C1350VSLM2	60W	347-480V	1350mA	30-42V	0.9	85%	242*45*30.5mm	UL
PGAM060C1400VSLM2	60W	347-480V	1400mA	30-42V	0.9	85%	242*45*30.5mm	UL

Electrical Specifications

Category	Item	Technical Norm
Input	Rated Input Voltage	347-480VAC
	Range of Input Voltage	312-528VAC
	Frequency	50/60Hz
	Input Current	≤0.22A(347VAC,full load)
	Input Power	≤72W(347VAC,full load)
	Power Factor	≥0.9(347-480VAC,full load)
	THD	<20% (347-480VAC,full load)
	No-load Power Consumption	≤3W
	inrush Current	<65A (480VAC)
	Leakage current	<0.75mA (480VAC)
output	Current Accuracy	±5%
	Load regulation	±3%
	Line regulation	±3%
	Max. Output Power	58.8W
	Started Delay Time	≤0.75S(230VAC,full load)
	Current Ripple	<±5% Output current

Product datasheet

Technical data

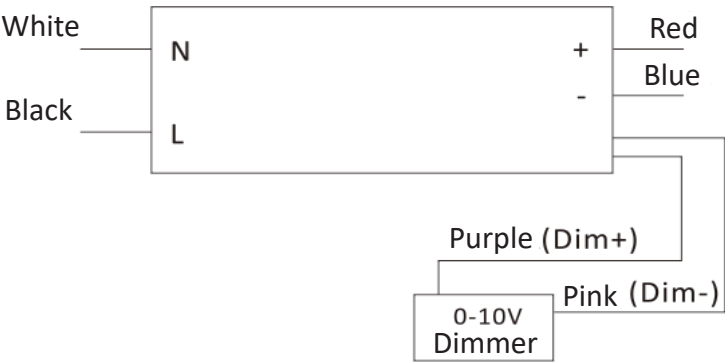
Electrical Specifications

	Scintillation index	<0.05
	Scintillation percentage	<10%
Dimming	Dimming Type	0-10V Dimming DIM OFF
	Features	Isolation Dimming
	DIM OFF Voltage	0.6-0.8V
	DIM ON Voltage	0.7-0.9V
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
Environment	Ta/Operation Temperature	-25....+55°C
	Ts/Storage Temperature	-40....+85°C
	Tc/Enclosure Temperature	90°C
	Humidity	10%....90%RH
Construction	Connection Method	Wire
	Installation	Independent external
	Input wire specification	UL1015 18AWG 105°C 600V 单股线/ UL1569 18AWG 105°C 600V 单股线
	Output wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	0-10V Dimmable wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	Dimension	242*45*30.5mm
Standards	Safety Standards	Conform UL, cUL, UL8750 Class 2
	EMC Standards	Conform FCC Part 15 Class A, Compliance to EN 61547/1995+ A1/2000
Others	MTBF	300000h measured at full load, 25°C ambient temperature MIL-HDBK-217F(25°C)
	Life Time	50000h @55°C(Ta)/90°C(Tc)
	Warranty	5 years
Remark	Power supply is considered as a component and used in combination with terminal equipment, because EMC is affected by the whole set of equipment, the manufacturer of terminal equipment needs to re-emc confirm the whole set of equipment.	

Product datasheet

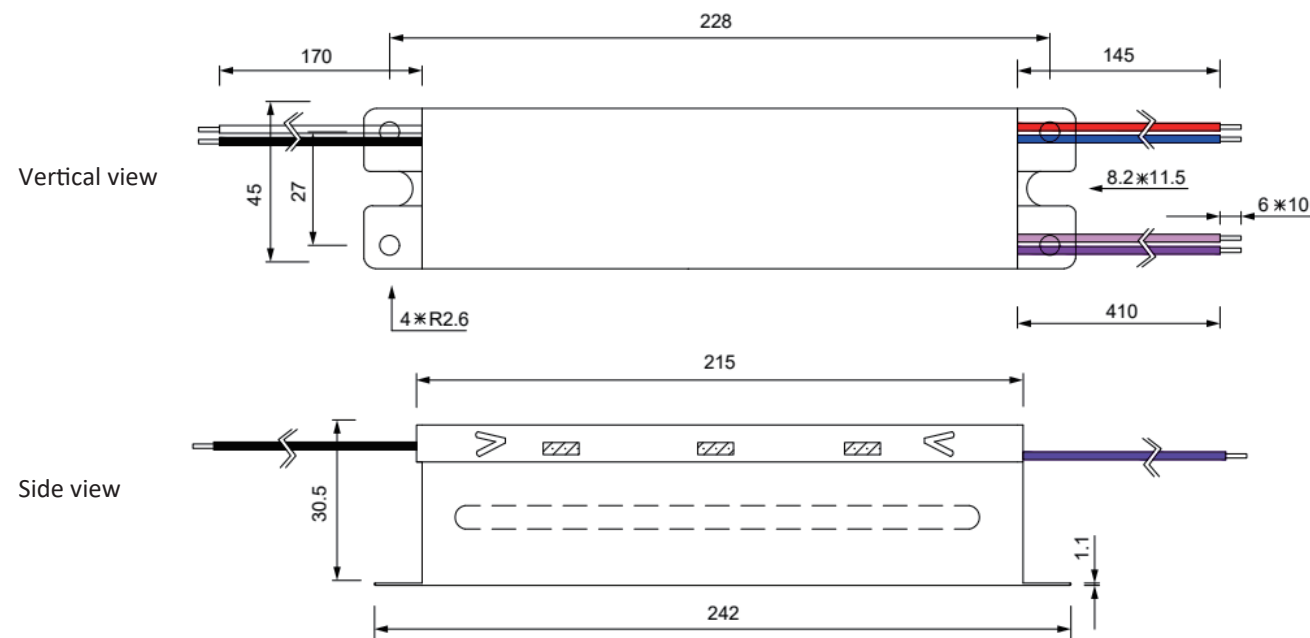
Technical data

Installation



Appearance information

Dimensions



Product datasheet

Appearance information

Label

The sample label



PAIRUI
PGAM060C1400VSLM2
Input: 72W 220mA @Vin = 347V PF> 0.9@full load
Output: 30-42VDC 1400mA
Pout: 58.8W 0-10V Dimming
Class 2 Power Supply For use with dry or damp location only
For Connections Use Wire Rated for at least 90°C (194° F)
Class P

CONSTANT CURRENT
Dimmable LED Driver

347-480V 50/60Hz

CAUTION
DISCONNECT LINE VOLTAGE BEFORE
INSTALLING OR REPLACING. CASE MUST
BE GROUNDED

RoHS



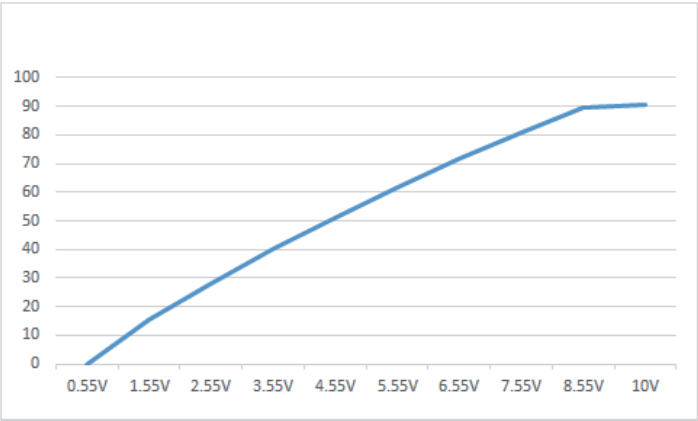
www.pairuigroup.com **Made in China**

0-10V Dimming

Black L
White N

GRAY (NEC)
BLUE (-)
RED (+)

The dimming curve



Packaging information

Carton L*W*H(mm)	Pcs/Carton	weight/Pcs(kg)	weight/Carton(kg)	Gross weight/ Carton(kg)
365*260*125	18	0.48	8.64	9.2