

## PEAH 15-45W IP20

Plastic Housing External Constant Current Dimmable Driver



### Product family features

- Rated input voltage: 220-240V/ac
- Input voltage range: 180-227V/ac
- THD: < 20%
- Operating temperature: -25°C~+50°C
- Max. case temperature: 90°C
- Protection grade: IP20
- Protections: Short circuit, overload, no-load, Over temperature protection
- Insolation: I/P to O/P, 3KVac/1min
- Warranty: 5 years
- Application: Down lamp, panel lamp

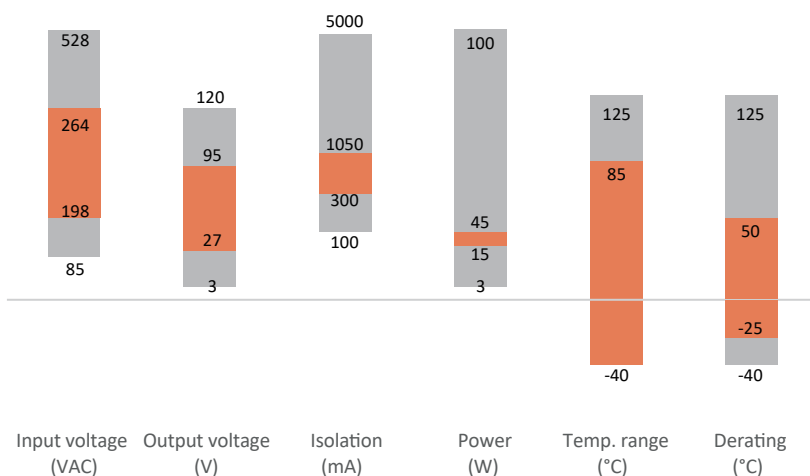


### Areas of application

- Education lighting
- Office lighting



### Summary



# Product datasheet

## Technical data

### Electrical data

Product Modle	Max. Output Power	Input Voltage	Output Current	Output Voltage Range	PF	Efficiency	Size(mm)
PEAH020C-VSRPG1	20W	220-240V	500mA	27-42V	0.9	82%	265*23*22
PEAH025C-VSRPG1	25W	220-240V	600mA	27-42V	0.9	82%	265*23*22
PEAH030C-VSRPG1	30W	220-240V	700mA	27-42V	0.9	84%	265*23*22
PEAH035C-VSRPG1	35W	220-240V	800mA	27-42V	0.9	84%	265*23*22
PEAH040C-VSRPG1	40W	220-240V	900/950mA	27-42V	0.9	85%	265*23*22
PEAH045C-VSRPG1	45W	220-240V	1000/1050mA	27-42V	0.9	85%	265*23*22

※If you have other parameter requirements, please consult our sales staff

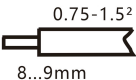
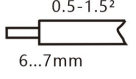
### Electrical Specifications

Category	Item	Technical Norm
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	180-277VAC
	Frequency	50/60Hz
	Input Current	≤0.28A(198VAC,full load)
	Input Power	≤52W(230VAC,full load)
	Power Factor	≥0.9(230VAC,full load)
	THD	<20% (230VAC,full load)
	No-load Power Consumption	≤1W
output	Current Accuracy	±5%
	Max. Output Power	44.1W
	Started Delay Time	≤0.5S(230VAC,full load)
	Current Ripple	<±5% Output current
Dimming	Dimming Type	1-10V Dimming DIM OFF
	Features	Isolation Dimming
	DIM OFF Voltage	0.1-0.5V
	DIM ON Voltage	0.2-0.6V
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation voltage	I/P to O/P,3KVac/1min
	Insulation resistance	>100M ohm/500VDC
	Leakage current	I/P to O/P <5mA

# Product datasheet

## Technical data

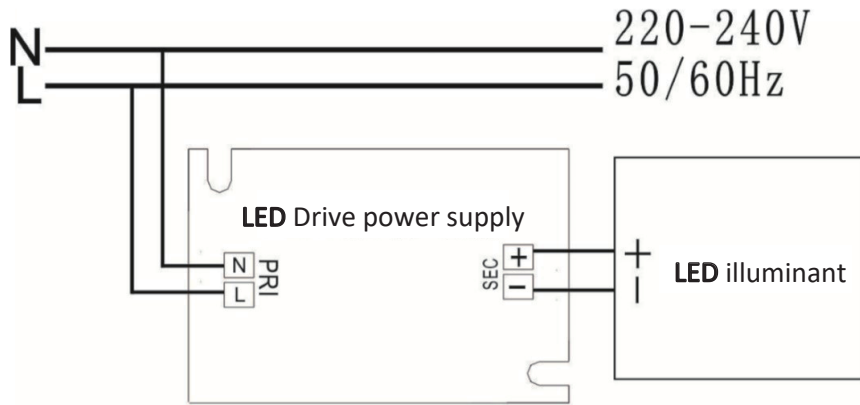
### Electrical Specifications

Environment	Ta/Operation Temperature	-25....+50°C
	Ts/Storage Temperature	-40....+85°C
	Tc/Enclosure Temperature	90°C
	Humidity	10%....90%RH
Construction	Connection Method	Amphenol connector
	Installation	Independent external
	Input wire diameter&The length of the end drawing	
	Output wire diameter&The length of the end drawing	
	Input amphenol connector specification	CS350-00-350-02P-15-01AH
	Output amphenol connector specification	CS350-00-350-02P-1Y-108AH
	Dimension	265*23*22mm
Standards	Safety Standards	EN61347-1:2015,EN61347-2-13:2014+A1:2017, EN62493:2015,IEC 61347-2-13:2014+A1, IEC 61347-1:2015+A1, GB19510.1-2009,GB 19510.14-2009
	EMC Standards	EN55015:2019+A11,EN61000-3-2:2019, EN61000-3-3:2013+A1,EN61547:2009,GB/T17743.2017
	Surge	L-N/2KV
Others	RoHS	Complied to 2011/65/EU
	Life Time	50000h @50°C(Ta)/90°C(Tc)
	Warranty	5 years
Remark	<p>1. Unless otherwise specified, all specification parameters are measured at input voltage of 230VAC, rated load and ambient temperature of 25°C.</p> <p>2. 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.</p> <p>3.Retardant composition: Not contain red phosphorus</p>	

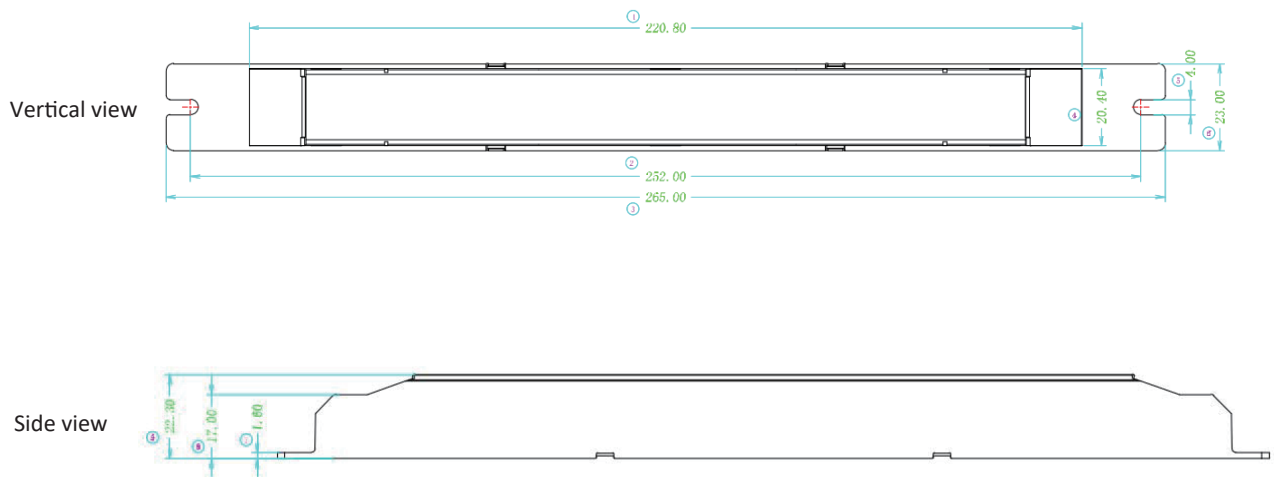
# Product datasheet

## Appearance information

### Installation



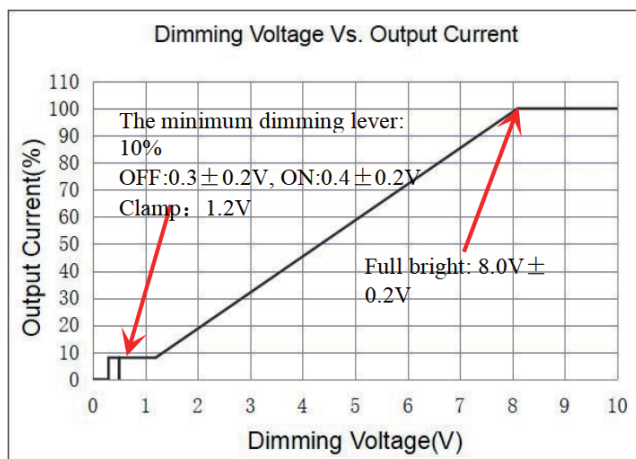
### Dimensions



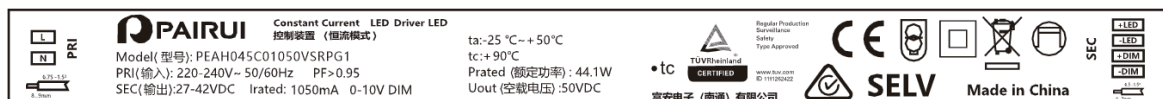
# Product datasheet

## Appearance information

### Dimming curve



### The sample label



### Packaging information

Carton L*W*H(mm)	Pcs/Carton	weight/Pcs(kg)	weight/Carton(kg)	Gross weight/ Carton(kg)
620*260*185	110	0.1	11	13.8