

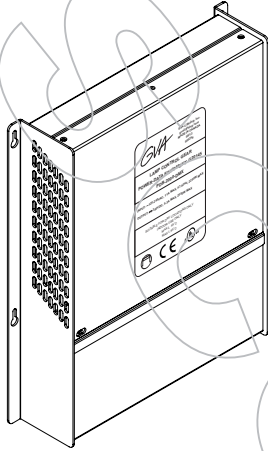
## Product Specification Sheet

Date: \_\_\_\_\_

Type: \_\_\_\_\_

Company: \_\_\_\_\_

Project: \_\_\_\_\_

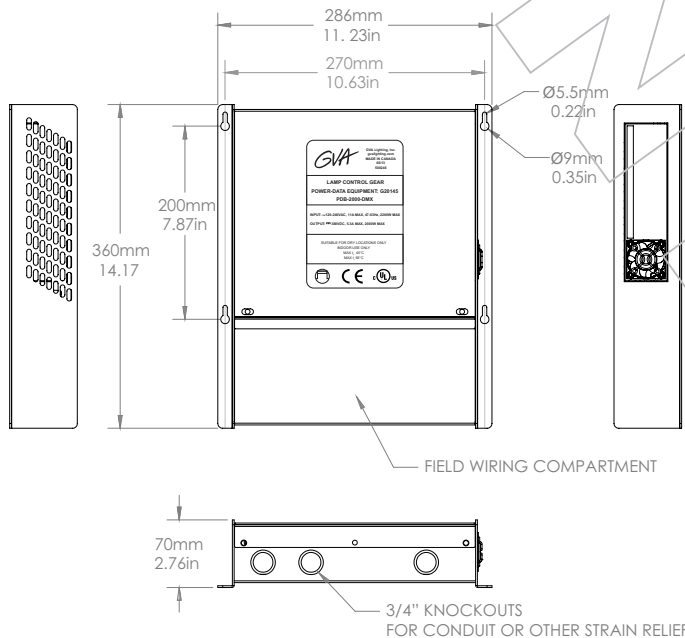


The Power-Data Box (PDB) is a complete solution for supplying both power and control data to GVA LED luminaires. PDB-INF-2000 is a 2000 Watt, 380V DC model with INFINITY® Technology for long-run lighting installations.

INFINITY® proprietary technology was developed for architectural delineation of skyscrapers, bridges, long covers in airports and malls or for wall washing and grazing of long facades. Using INFINITY® technology, one PDB-INF-2000 can power up to 366\* Highlighter modules or 372ft\* of STR9 5W/ft fixtures.

PDB-INF-2000 accepts line voltage input 120~240V AC single phase or 208V AC phase-to-phase. Data can be input from DMX, DALI or 0-10V lighting controls. PDB-INF-2000 features a convenient field wiring compartment where line voltage and data inputs and INFINITY® power-data output can be connected via simple terminal blocks for a clean and quick installation.

### Mechanical Drawing



### Features

- Proprietary INFINITY® Technology
- INFINITY® Power-Data output: 380V DC + ZH Data
- Wide input voltage range, 220~240VAC, 47-800Hz
- Multiple data input and output connections
- Compact powder coated aluminum enclosure
- Vented for proper thermal management
- Easy to mount with 4 keyhole slots
- Integrated Field wiring compartment for easy connections
- Designed for GVA Lighting INFINITY® products
- 3 Year Limited Warranty

### Options

- DMX, DALI or 0~10V Control Input
- 208V AC Phase-to-Phase Input

### Ordering Information

#### DESCRIPTION

POWER-DATA BOX, PDB-INF-2000, 2DMX, 120/220~240VAC, IP40  
 POWER-DATA BOX, PDB-INF-2000, 2DMX, 208VAC, IP40  
 POWER-DATA BOX, PDB-INF-2000, DALI/0~10V, 120/220~240VAC, IP40  
 POWER-DATA BOX, PDB-INF-2000, DALI/0~10V, 208VAC, IP40

#### ITEM NUMBER

G20152  
 G20147  
 G20160  
 G20161

**Product Specifications**

<b>Electrical</b>	Input Voltage	120~240V AC Single Phase; 208V AC Phase-to-Phase	
	Power Factor	@230VAC	0.95
		@115VAC	0.99
	Inrush Current	@230VAC	3.5A
		@115VAC	2A
	Output Voltage	380V DC nominal (384VDC max.)	
	Output Power (max.)	200~264VAC Input	2000W
		120VAC Input	1000W
	Output Current Limit	6A	
	Control Protocols	DMX512A, DALI, 0-10V	
<b>Physical</b>	Length x Width x Height	mm	360 x 286 x 70
		inches	14.17 x 11.26 x 2.76
	Weight	kg	3.42
		lbs	7.52
	Housing	14ga. Aluminum Black Anodized or Powder Coated	
	Fixture Connections	AC-IN	Terminal block
		Data-IN	Terminal block
		Data-OUT	Terminal block
		Power-Data OUT	Terminal block
	Cooling	Cooling fan assisted	
<b>Environment</b>	Operating Temperature	Full Power	-20 to + 45°C, -4 to +113°F
		Half Power	-20 to +65°C, -4 to +149°F
	Operating Humidity	5%-95% non-condensing	
	Storage Temperature	-40 to +85°C, -40 to 185°F	
<b>Safety</b>			

**Maximum Run Length per Each PDB-2000 (300MM/1FT Segments)**

Fixture Type		HL-DL	HL-COVE	STR9 5W/FT	STR9 7.5W/FT	STR9 15W/FT
		Input Voltage	220-240VAC	366*	366*	372
	110VAC	200	200	220	130	65

Figures subject to change

\*For RGB and DWT versions max length is 341ft (2 DMX universes) for 1ft address ability, full length for 3-channel control.

Ratings are for 30°C, de-rating will be used for higher ambient temperatures