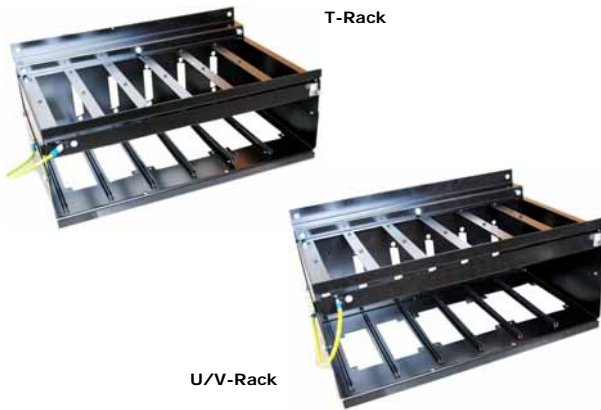




ZED EVG - Electronic Ballasts Accessories Racks for Rack Ballasts (R-EVG)

framework for plug and play:
racks for efficient ballast handling



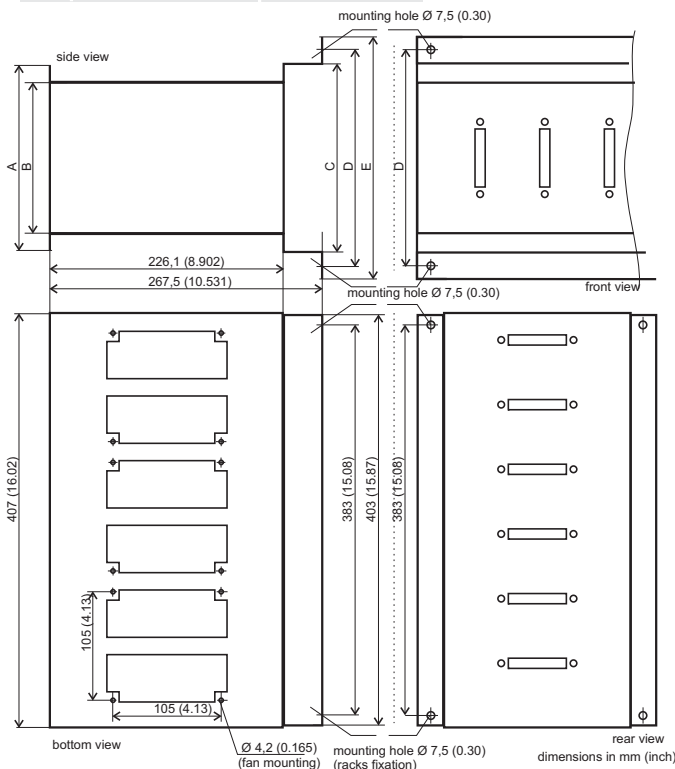
Features

- ⇨ space-saving
six slots for single or dual lamp rack ballasts
- ⇨ reliable wiring
via MOLEX JUNIOR FIT connection system
- ⇨ quick and easy ballast interchange
via MOLEX JUNIOR FIT connection system
- ⇨ locking bar
to prevent slackening or sliding out of ballasts
- ⇨ open frame
to ensure vertical thermal flow
- ⇨ prepared for mounting of fans directly at the lower part
(fans are not part of delivery)

name	description
T-Rack	Rack 6 slot for ballast types 220 mm x 114,3 mm
U/V-Rack	Rack 6 slot for ballast types 220 mm x 143,5 mm

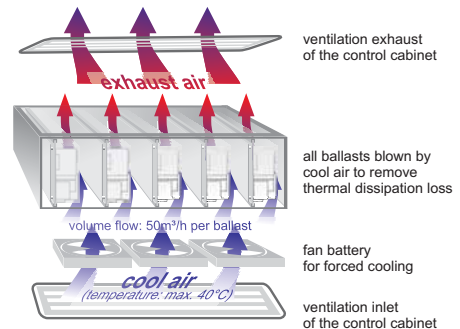
Dimensions

	Rack 6 slot 220 mm x 114,3 mm		Rack 6 slot 220 mm x 143,5 mm	
	[mm]	[inch]	[mm]	[inch]
A	151,0	5,94	180,2	7,09
B	118,6	4,67	147,8	5,82
C	154,0	6,06	183,2	7,21
D	181,8	7,16	211,0	8,31
E	206,8	8,14	236,0	9,29



Mounting

Note:
approx. 10 % of ballast input power is thermal dissipation loss which has to be dissipated by forced cooling.
Natural convection is not sufficient to remove waste heat.



To guarantee the allowed temperatures it is necessary to provide sufficient cooling to power components. Forced cooling with a volume flow of 50 m³/h per ballast at a maximum inlet temperature of 40 °C is recommended. Air ventilation around power components has to be ensured. If mounted in a rack the vertical thermal flow must not be broken by covering the rack.

see "Installation and Operation Instructions for Electronic Ballasts by



example:
U/V-Rack - Rack 6 slot for ballast type 220x143,5 mm with mounted ballasts and fans