



PARUS LED grow light

PMF-TC80,180 Specification

| Product | Model Name | | PMF-TC80 | PMF-TC180 |
|---------------------|------------------------|--------------------------|---|--------------------|
| | | System Power Consumption | | 145Watt(Max) |
| | Dimension(LxWxH) | | 595mmx515mmx850mm | 595mmx680mmx1800mm |
| | Control | | Temp 5~30°C, Humidity 50~75%, LED Auto On/Off, Dimming, CO2(option) | |
| | Hydroponics | | D.F.T | |
| Power | AC input voltage range | | Free90~240VAC,50Hz | |
| | SMPS mode (ballast) | | DC Current Design(C.V Mode) | |
| | Protection | | Short circuit | |
| | Power Factor | | Over 85%, PFC >0.95 | |
| LEDs | Ratio(R:B:O) | | (11:3:4) | |
| | Light source | | Hi-Power 700mA LED | |
| | Total number of LED's | | 36EA | 72EA |
| | Used LED | | Hi-power Grow LED | |
| Heat Sink | Heat Sink Type | | Cooling by free air convection | |
| | FRAME Metrial | Body | Coated steel plate, Aluminium, Tempered glass, PMMA, | |
| | | PCB | Metal PCB(aluminium) | |
| | | Heat conduction | 2.0 w/m.k | |
| | Thermal resistance | 0.20 °C/w | | |
| Metrial | Format/ Water Tray | | Aluminium, PMMA/ ABS | |
| Efficiency | PPFD | | 250 µmol m-2 s-1 (@ 200mm H) | |
| Environment Control | Temp. | | 5°C ~ 35°C | |
| | Humidity | | 50~70% | |
| Ambient Temperature | Storage Temp. | | -30°C ~ 85°C | |
| | Operation Temp. | | ~35°C | |
| Angle | Lamp angle | | 120° | |
| Life time | | | Over 50,000hr | |
| Safety | Standard | | CE, EMC, LVD | |
| Warranty | 2 year | | (2 year) | |