



200W LINEAR Highbay (WITH EMERGENCY FUNCTION)

VOL-LHB-200-CW-EMG



SECTION 1: SPECIFICATIONS

CERTIFICATIONS

| | |
|-----------------------|-------------------|
| POWER | 200W |
| VOLTAGE | 90-305V |
| BASE MATERIAL | ALUMINUM |
| LIGHT OUTPUT | 30000 lm |
| BEAM ANGLE | 120° |
| CCT | 6000-6500K |
| Fixture Lifespan | 50,000 HRS |
| IP Rating | 65 |
| Dimensions | 600 x 320 x 80 mm |
| Operating Temperature | -40° - +65° C |



SECTION 2: LIGHT SOURCE DESCRIPTION (LED CHIP)

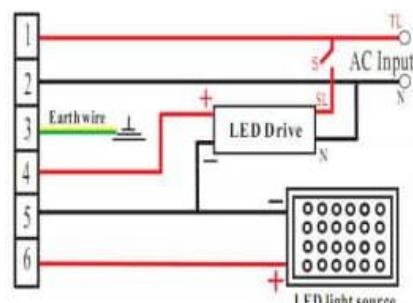
| | |
|-----------------|----------|
| NUMBER OF LEDs: | 308 |
| LED TYPE: | SMD 3030 |

SECTION 3: COMPARABLE OLDER LIGHT SOURCE

| 200W LINEAR Highbay | 300W METAL HALIDE Highbay |
|--|---|
| 200 WATTS POWER | 300 WATTS POWER |
| 50,000 HOUR LIFESPAN | 8000 HOUR LIFESPAN |
| DOES NOT USE A BALLAST | 2 POINTS OF FAILURE (BALLAST + BULB) |
| CARRIES WARRANTY | CARRIES NO WARRANTY |
| RoHS CERTIFIED FOR NO TOXIC COMPONENTS | CONTAINS DEADLY MERCURY GAS IN BULB |
| OPERATIONAL TEMPERATURE -40° - +65° C | DOES NOT FUNCTION WELL IN COLD ENVIRONMENTS |

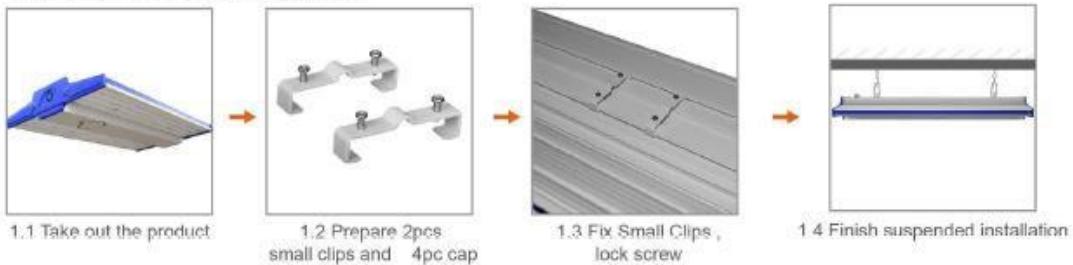
SECTION 4: LIGHT SOURCE DESCRIPTION (LED CHIP) AND DRIVER

| | |
|----------------------------|----------|
| LED type | SMD 3030 |
| Number of LEDs | 308 |
| Run time | 2hrs |
| Emergency Power | 30W |
| Charge time | >24hrs |
| Lumens at Emergency | 4500 |



SECTION 5: INSTALLATION PROCEDURE

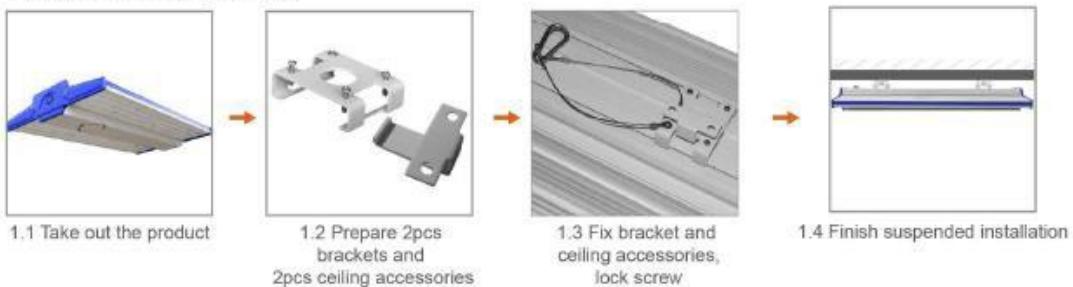
Option 1 : Suspended Installation



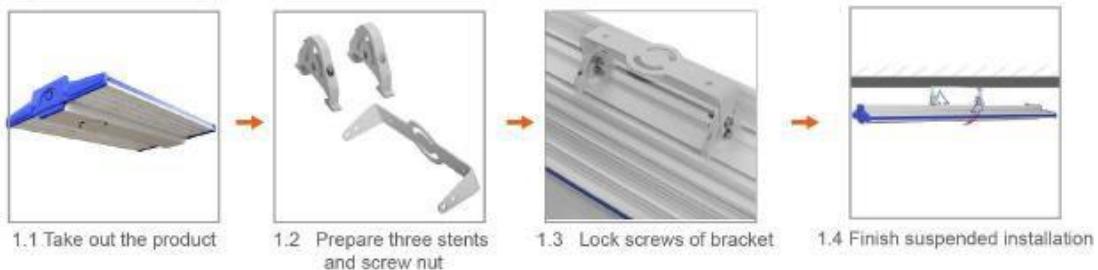
Option 2 : Boom Installation



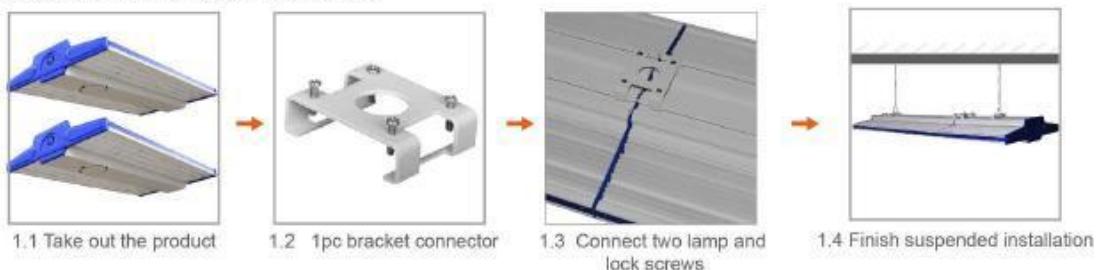
Option 3 : Ceiling mounting



Option 4 : Abutting joint installation

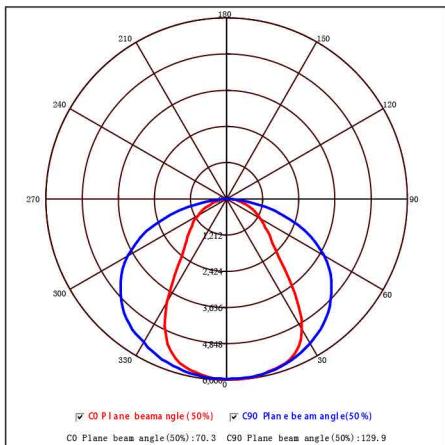


Option 5 : Abutting joint installation



SECTION 6: LIGHTING DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE ILLUMINATION

