



G4040-329W200

200W high intensity LED canopy highbay

The proprietary fitting is designed with versatility of installation accessories for wall/ceiling mounting, surface-mounting, recessed-mounting and suspension, etc. The specific spectrum of light source is coupled with adequate secondary optic lens that could be promoting photosynthesis for plants throughout the growth stages.

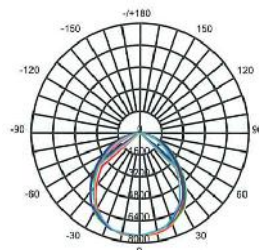


General Characteristic

| | |
|-----------------------|--|
| Construction | The lighting fixture is made of high grade aluminium material of square shape design and integrated with the LED module, thus form a unique thermal management system. |
| Light diffuser | Optical grade polycarbonate secondary lens with various beam angle is fitted to coordinated with the light source. |
| Overall measurement | 400 x 400 x 93.9mm |
| Operation temperature | -40°~+55°C |
| Operating humanity | 20%~90% |
| Storage temperature | -40°~80°C |
| Lumen maintenance | >95% (6000 hours) |
| Finishing | UV resistant black/grey plastic plant |
| Ingress protection | IP65 compliant |
| IK Class | IK-08 compliant |
| Rated life span | 50000 hours (L70 IEC LM80 @Ta 25°C) |
| Industrial standard | EUT complied with EN55015; EN51547; |
| Certification | CE, RoHS certified by international accredited laboratory |

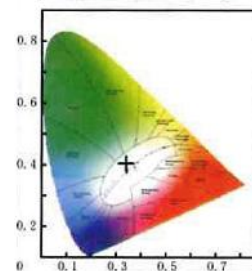
Light Characteristic

| | |
|--------------------------|--------------------------------------|
| Light source | NICHIA 3030 or equivalent |
| Color temperature | 3000K (K3); 4000K (K4); 5000K (K5) |
| Beam angle | Available in 60°/90°/120° (optional) |
| Luminous efficiency | ≥130 lumen per watt |
| Luminous efficacy | 29444 lumens |
| Color rendering index | Ra ≥80 (≥29400 lumen) |
| P-N junction temperature | Not exceeding 80°C |



120° Photometric Curve

CIE1931 Chromaticity Diagram



Electrical Characteristic

| | |
|-------------------------|---|
| Power supply | MEANWELL HLG series or equivalent |
| Input voltage | 200~305VAC, 50/60Hz, 0.66A |
| Rated power | 120W |
| Power factor | ≥0.95 |
| Power efficiency | ≥85% |
| Operation temp | -40°C ~+60°C |
| Storage temp | -40°C ~+85°C |
| Functionality | PWN driver or 0~10V potentiometer driver (Optional) |
| Overload protection | 95%~108% constant current limiting, auto-recovery |
| Over voltage protection | 110%~140% rated output voltage |
| Operation humidity | ≤95% Rh @-20°C to 50°C |
| Safety standards | UL60950-1, UL1012, TUV EN60950-1, EN61347-1-13 |
| EMC standards | EN55015, EN55022 class B, EN61000-3-2 class C, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN50204, EN61547 |

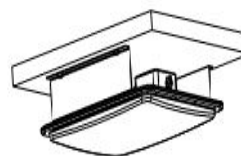
Optional Methods of Installation



Wall/Ceiling Mounting



Recessed Installation



Surface Mounting



Suspension Installation

Packing

| | |
|--------------|---|
| Product size | 400 x 400 x 93.9mm (exclude mounting hook & driver) |
| Net weight | 4.0kg (include Meanwell driver) |
| Carton size | 450 x 450 x 132mm |
| Gross weight | 5.0kg |

Sectional OA

