

# G4040A-231W130

130W high intensity LED highbay grow light



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.

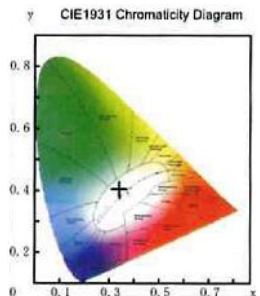
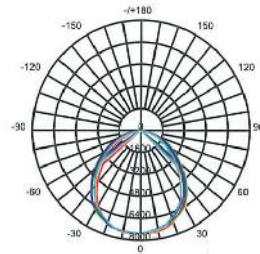


## General Characteristic

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 (L <sub>70</sub> 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	5000K (K5); 6000K (K6)
Beam angle	Available in 60°/90°/120° (optional)
Luminous efficiency	≥130 lumen per watt
Luminous efficacy	16900 lumens
Photon flux (typical)	291 μmol/s
Color rendering index	Ra ≥80
P-N junction temperature	Not exceeding 80°C



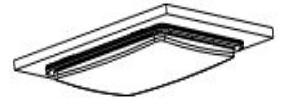
## Electrical Characteristic

Power supply	MEANWELL HLG series or equivalent
Input voltage	200~305VAC, 50/60Hz, 0.66A
Rated power	130W
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

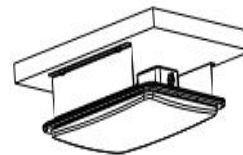
## Optional Methods of Installation



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

