



G400 canopy highbay series

A high intensity LED highbay with diversified installation features

The proprietary fitting is designed is featuring with varies method of installation accessories for either wall/ceiling mounting, concrete surface-mounting, recessed-mounting and suspension, etc.

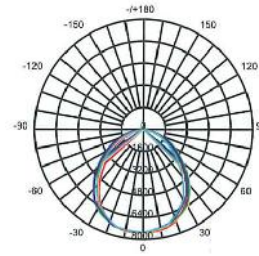


General Characteristic

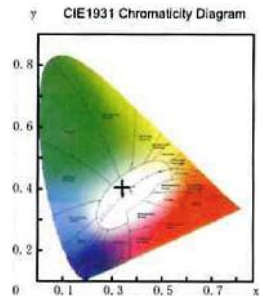
Construction	The lighting fixture is made of high grade pure aluminium material in square shape design and integrated with the LED module, thus form a unique thermal management system.
Light diffuser	Optical grade polycarbonate secondary lens with various beam angle is fitted to coordinated with the light source.
Operation temperature	-40~+55°C
Operating humanity	20%~90%
Storage temperature	-40~80°C
Lumen maintenance	>95%
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)
Size overall (standard)	400 x 400 x 93.9mm (excluding installation accessories)
Weight (standard)	4.0/5.0kg (N/G)
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
Color rendering index	Ra ≥80
P-N junction temperature	Not exceeding 80°C



120° Photometric Curve



Electrical Characteristic

Power supply	MEANWELL HLG series or equivalent
Input voltage	200~305VAC, 50/60Hz, 0.66A
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
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 61347
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



G400A
Wall/Ceiling Mounting



G400B
Recessed Installation



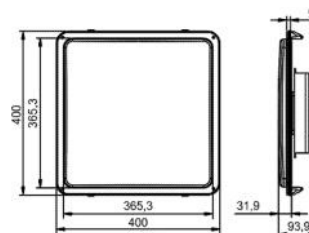
G400C
Surface Mounting



G400D
Suspension Installation

Product Specification

Model #	Power (W)		Lumen
	Rated	System	
G4040X-182W040Kx	40.0	42.1	5400~5800
G4040X-182W060Kx	60.0	63.2	8100~8700
G4040X-185W080Kx	80.0	84.2	10400~11200
G4040X-185W100Kx	100.0	105.3	13000~14000
G4040X-231W130Kx	120.0	126.3	16900~18200
G4040X-231W150Kx	150.0	157.9	19500~21000
G4040X-329W180Kx	180.0	189.5	23400~25200
G4040X-329W200Kx	200.0	210.5	26000~28000



Sectional OA

