



High Bay Light

Security
Reliability

Energy saving
Smart control



Patent product

CHBL100/120/150W



High Bay Light

GTL LIGHTING (SHEN ZHEN) CO.,LTD.

Application places



Cold storage



Milk processing plant



Meat processing plant



Bread factory

<http://www.gtlighting.com/>

High Bay Light

GTL LIGHTING (SHEN ZHEN) CO.,LTD.

The main characteristics

Safe



Reliability



Energy saving



Smart control

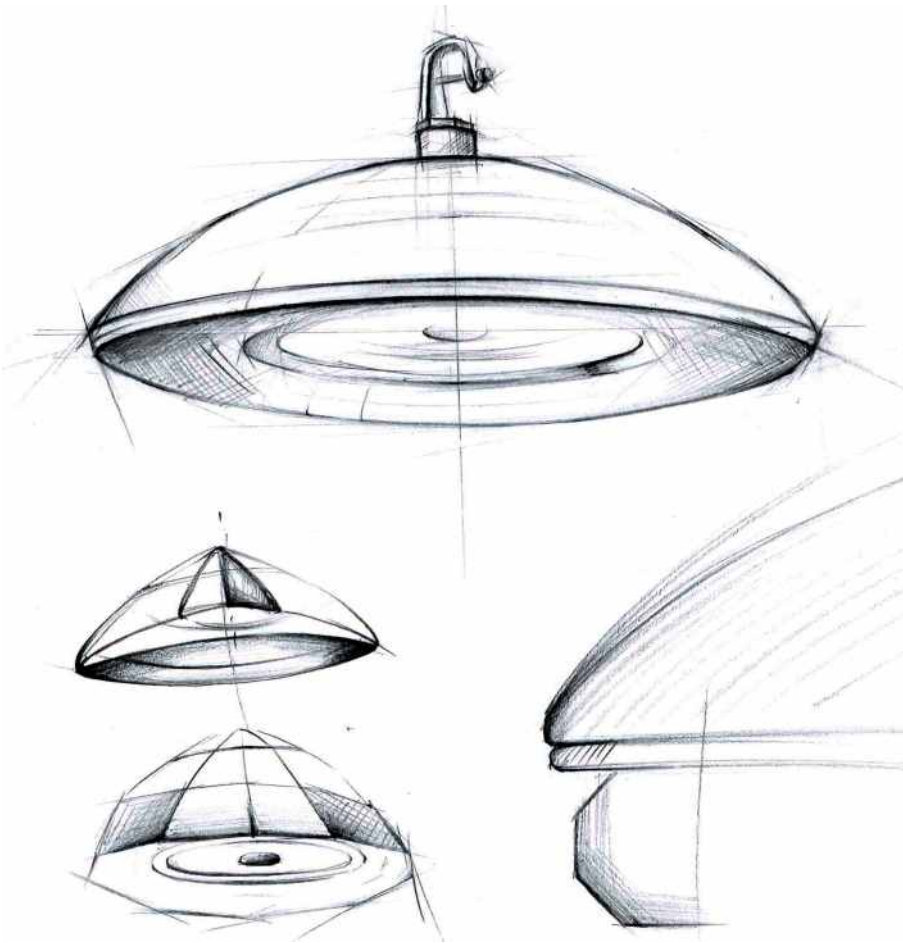


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High Bay Light

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Concept Development

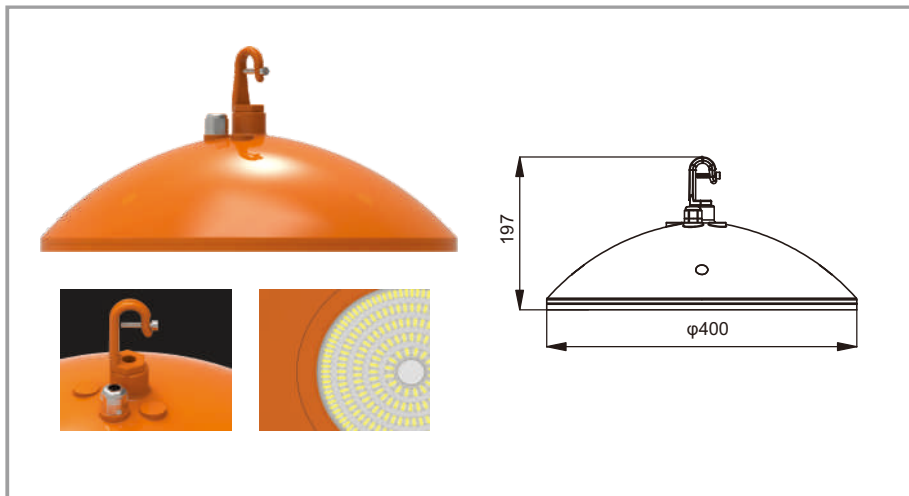


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Product summary



- This product meets NSF, IP69K, IK08, CB, CE, ENEC, UL, PSE, CCC certifications.
- This product is mainly used in clean food/ pharmaceutical and any other manufacture plant.
- The product design is with no screw on the front, and there is almost no dust on smooth back. It is easy for clean and no screw or any other small part will drop when it is cleaned by high-pressure water gun.
- The product surface coating gets REACH/ROHS/HALOGEN test report by SGS.
- The structure of lamp is made of aluminum alloy, the lens is made of optical grade material from Mitsubishi Corporation in Japan. The color of lamp is orange RAL2004.
- The lens has applied for patent and patent filings by Chinese custom, the record number is P2018-72651.

Power	100W	120W	150W
Size (mm)	400*400*197		
Lumen (lm)	15000lm	18000lm	22500lm
EFF (lm/w)	150lm/W		
Beam Angle	60°/90°/120°		



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Product model

CHBL
100W



CHBL
120W



CHBL
150W



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High Bay Light

Specifications

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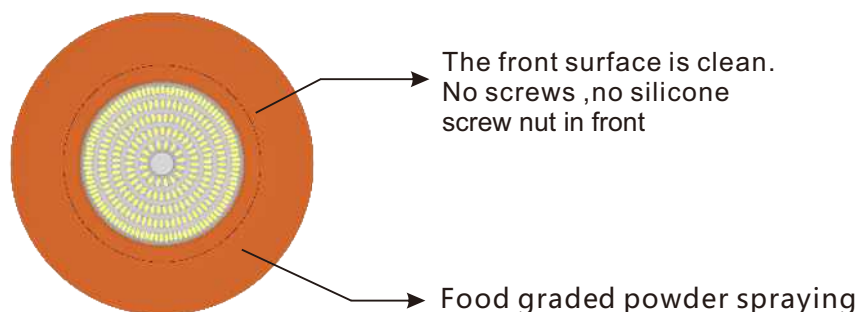
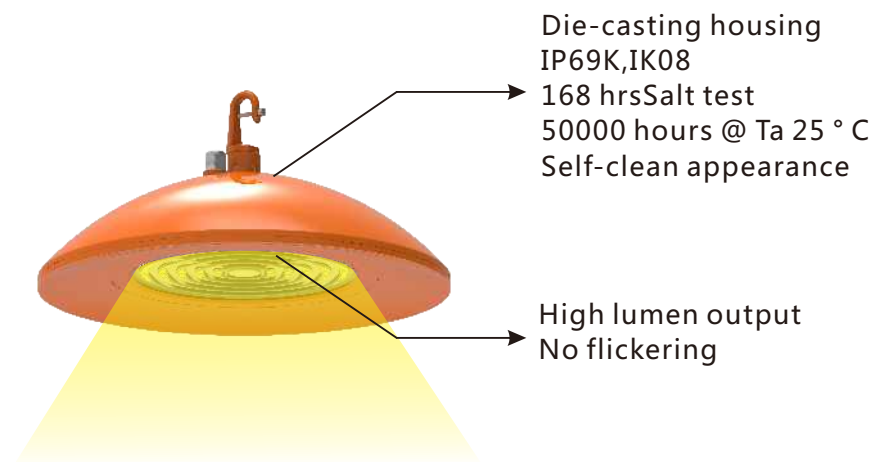
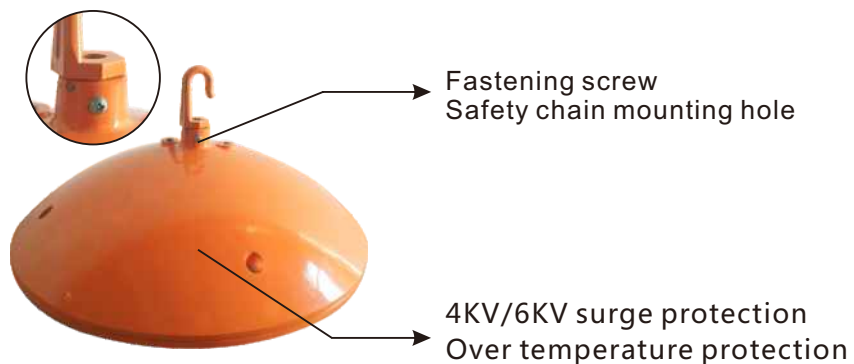
		CHBL-100W	CHBL-120W	CHBL-150W
Power		100W	120W	150W
Input Voltage		90-305VAC		
Input Current		0.47A@220VAC	0.57A@220VAC	0.68A@220VAC
PF		>0.90@220VAC		
Dimming Optional	MOSO	2 in 1 dimming (PWM, 0-10V)		
	MW	3 in 1 dimming (PWM, 0-10V, Resistor) Dali		
CCT		4000K 5000K 5700K 3000K		
Ra >80 5000K	Luminous Flux	14000 Lm±10%	16800 Lm±10%	21000 Lm±10%
	Efficiency		140 Lm/W±10%	
Ra >70 5000K	Luminous Flux	15000 Lm±10%	18000 Lm±10%	22500 Lm±10%
	Efficiency		150 Lm/W±10%	
LED Brand		Nichia 3030 and Cree 3030		
Beam Angle		60° 90° 120°		
Operation Temp		-40℃ ~ +45℃		
Storage Temp		-40℃ ~ +85℃		
Life Span		25℃ 50000Hours		
IP Class		IP69K		
IK Class		IK08		
Certificate		ETL, CE,C-TICK,ROHS,NSF		
Lamp Body Color		Orange(RAL2004)		
Product Size (mm)		400*400*197		
Net weight (kg) ±0.3		5.8Kg		
Packing Size (mm)		470*470*210		
Gross weight (kg)±0.3		6.8Kg		
Installation mode		Hook Mount/Pendant Mount		

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Safe/Reliability



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Configuration table

Configuration							
Product name	Product category	Power	CRI	CCT	Distribution	Control	SPD
CHBL	High bay	100 W*	>70	3000/ 4000K	30°/60°	ON/OFF	No
		120 W*	>80	5000/ 5700K	90°	PWM, 1-10V Resistor	
		150 W	>90	6500K	120°	DALI	

Able to be customized, and please contact SALES directly

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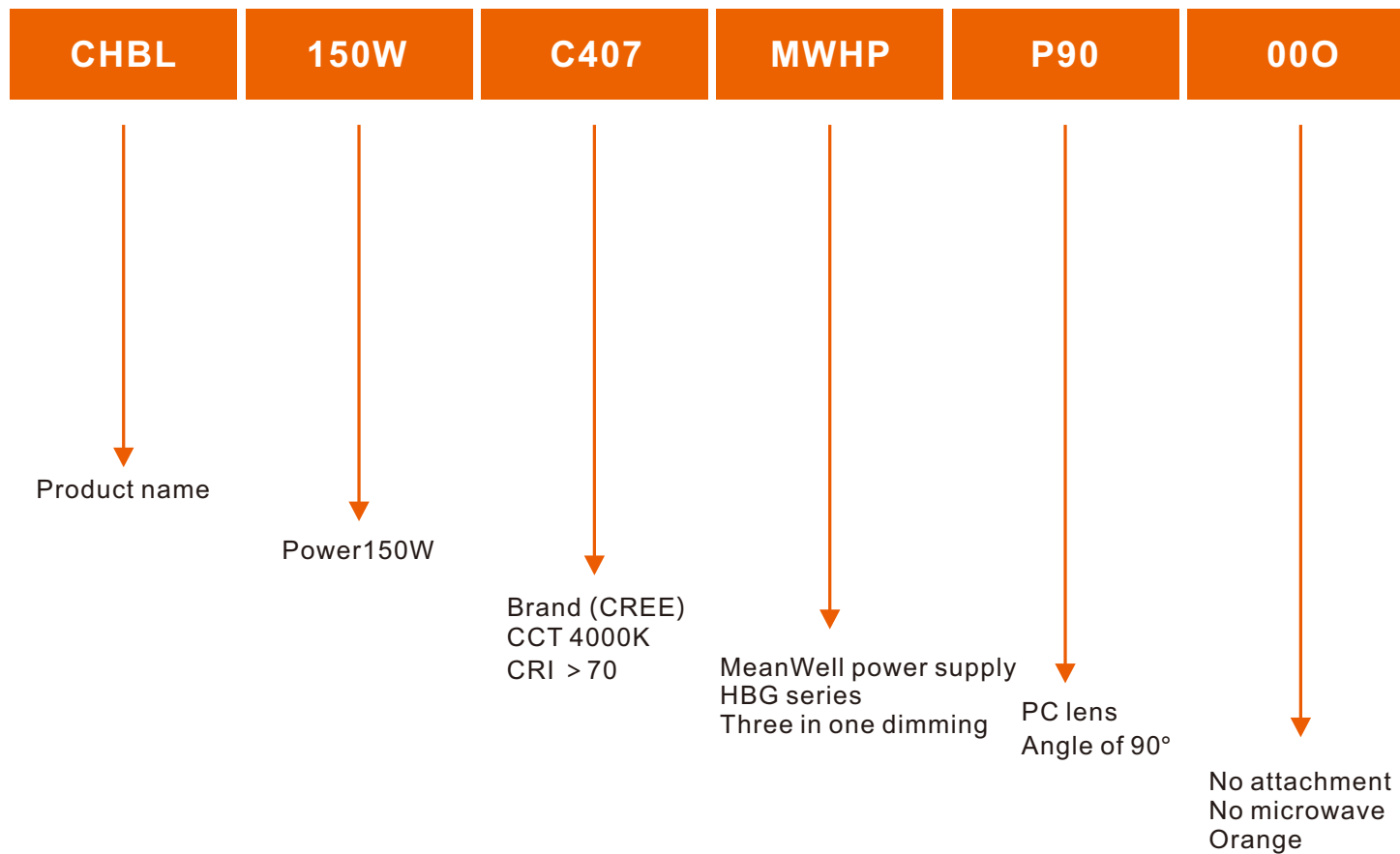
Customizable table

	Current	Certification Available	Possibility	Note
Power	150W	Yes	100/120W	The custom code
CCT	3000/4000/5000/ 5700/6500K	Yes		The luminous flux will change due to CCT
Beam Angle	60°/90°/120°	Yes	30°	New tooling is required
CRI	> 70, > 80, > 90	Yes		The luminous flux will change due to CRI
Control	ON/OFF, PWM, 1-10V Resistor,DALI	Yes		

High Bay Light

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Model description



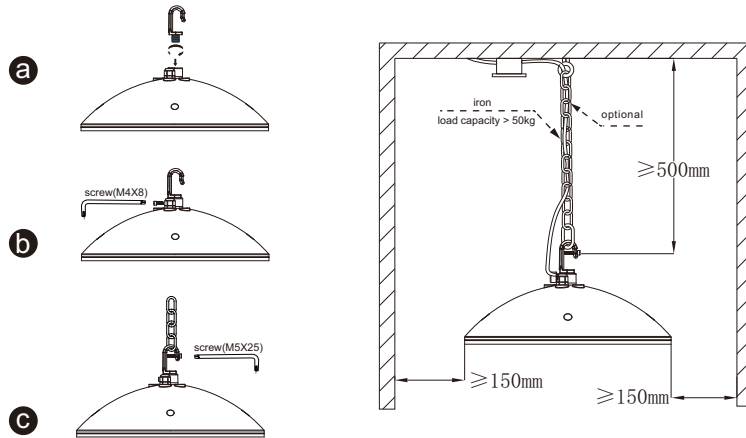
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High Bay Light

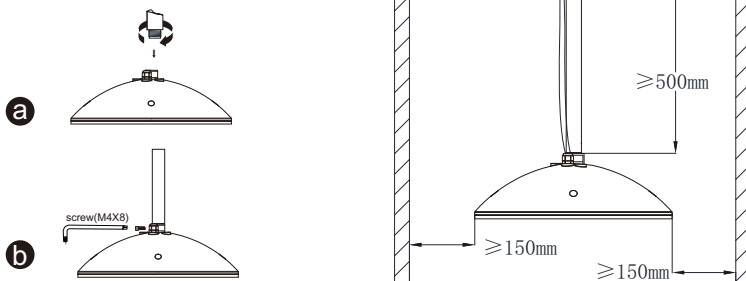
Installation Guide

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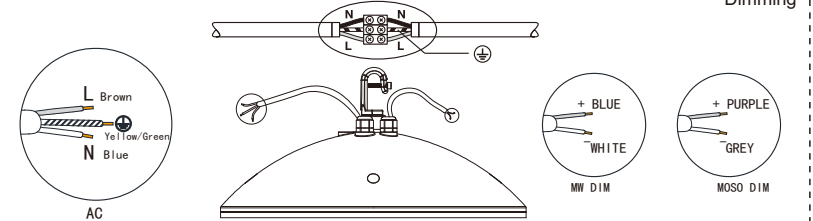
1- Hook Mount



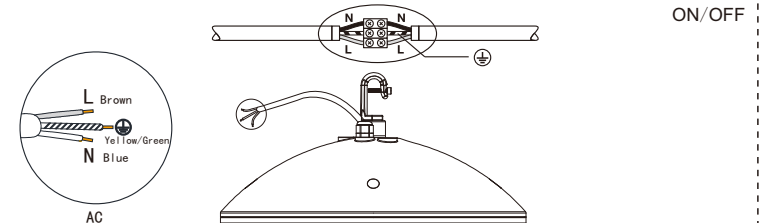
2- Pendant Mount



Wiring diagram



Wiring diagram



- Read through this manual before installation.
- Handle the product with care.
- The product must be grounded.
- This product must be installed and maintained by certified electrician.
- Consult with the manufacturer before maintenance.
- Turn OFF the power before installation and maintenance.
- Make sure the products are securely installed.
- The housing might become hot after operation.
- Primary use: high-bay luminaires for commercial and industrial buildings.
- Make sure the construction is strong enough to support the products.
- If the temperature is too high, the output power will be reduced until the temperature returns to normal.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.



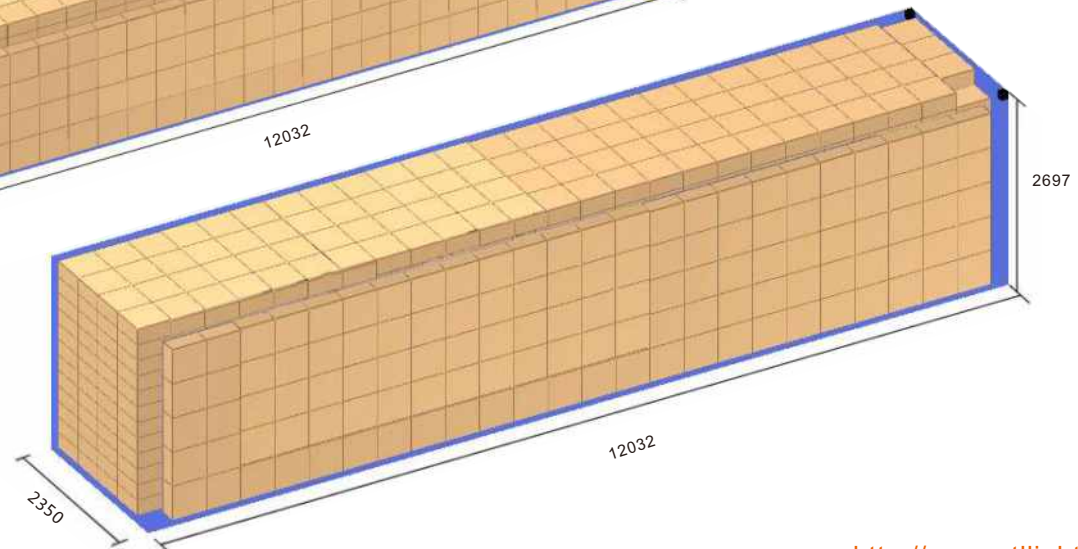
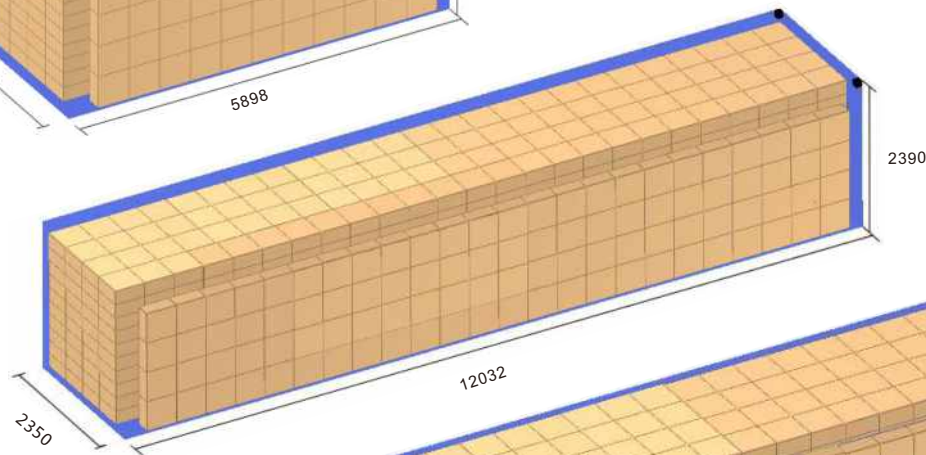
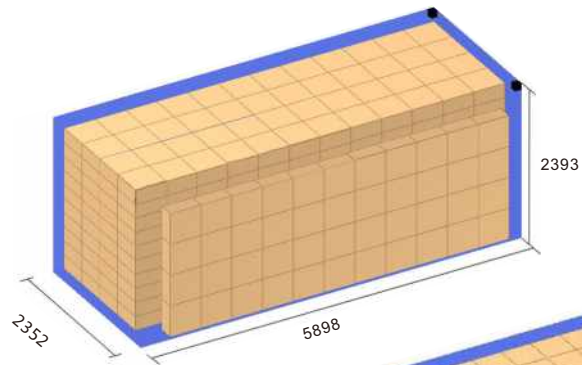
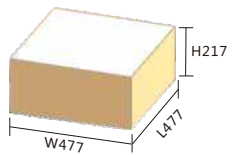
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Container volume calculation

Unit : mm



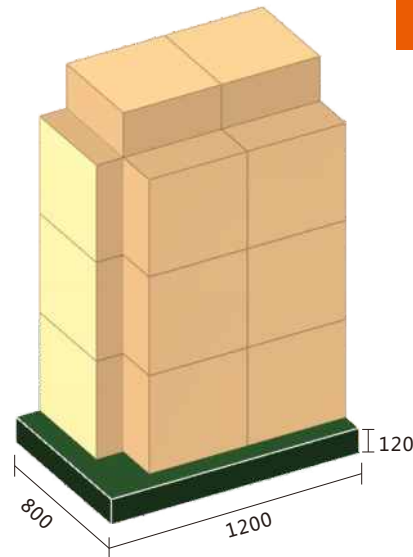
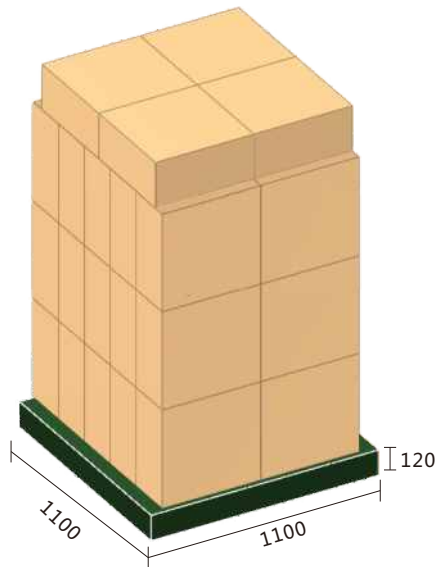
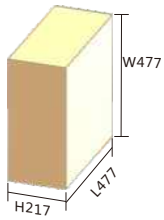
Container Product	20GP	40GP	40HC
CHBL (pcs)	628	1300	1475

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Container volume calculation



CHBL	Pallets		Container		
	Pallets(pcs) 1100*1100*120	34 pcs product/pallets	20GP	40GP	40HC
			10	20	20
	Pallets(pcs) 1200*800*120	23 pcs product/pallets	11	24	24

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It's always a good choice

It's easy to find us
You can contact us in the following ways or leave us a message.
+86 755-23245019

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