



High Bay Light

Security
Reliability

Energy saving
Smart control



PATENT

SHBL100/150W



High Bay Light

GTL LIGHTING (SHEN ZHEN) CO.,LTD.

Application places



Steel mills



Ceramics factory



Bricks and tiles plant



The boiler room

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

High Bay Light

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The main characteristics

Safe



Reliability



Energy saving



Smart control



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Product summary



Spec

- * 100/150W
 - * 4000K/5000W/5700K
 - * 16000-24000lm
 - * 160lm/W
 - * 1-10V
 - * CRI > 70
 - * No flicker
 - * SDCM < 5
 - * Surge 4KV/6KV
 - * 50,000 hrs @ Ta65°C
 - * IP66, IK08
 - * Hook Mount
-
- * CE,C-TICK,PSE,ROHS
 - * 5years warranty

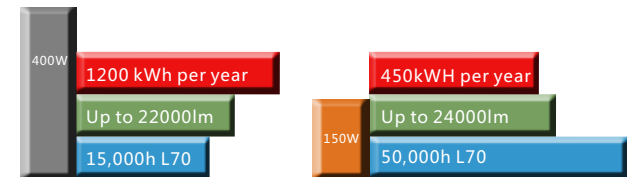
Power	100W	150W
Size (mm)	342*342*308	381*381*308
Lumen(lm)	16000lm	24000lm
EFF	160lm/W	
Beam Angle	60°/90°/120°	



Very short payback time

Traditional HID 400W

SHBL150W



Fit for different applications

- * Multiple lumen output
- * Optional reflector
- * IP66
- * Die-casting housing, IK08



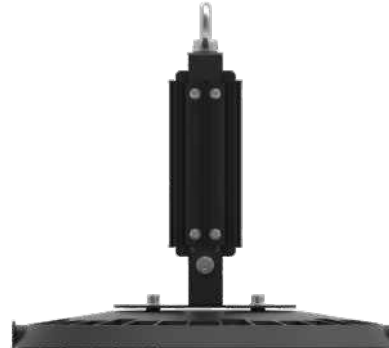
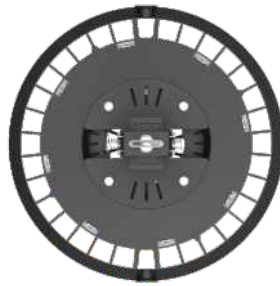
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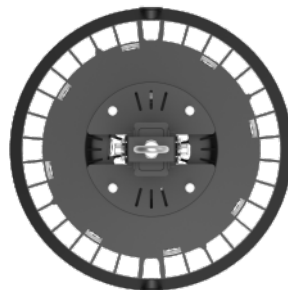
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Product model

SHBL
100W



SHBL
150W



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High Bay Light

Specifications

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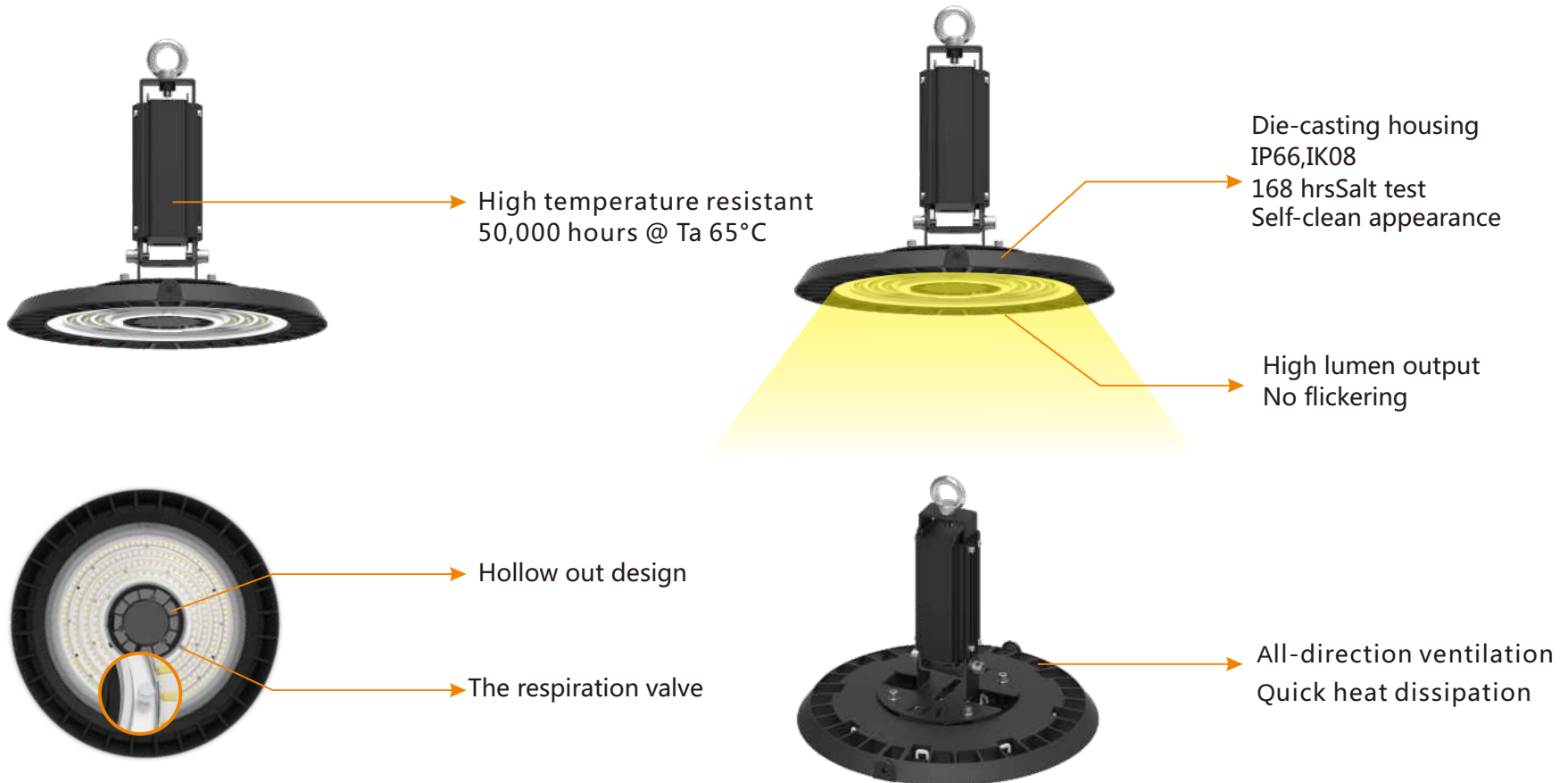
		SHBL-100W	SHBL-150W
Power		100W	150W
Input Voltage		198-264VAC	
Input Current		0.45A@230VAC	0.68A@230VAC
PF		0.95	
Dimming (Optional)		1-10V	
CCT		4000K 5000K 5700K 3000K	
Ra >80, 5000 k	Luminous Flux	15000 Lm±10%	22500 Lm±10%
	Efficiency	150 Lm/W	
Ra >70, 5000 k	Luminous Flux	16000 Lm±10%	24000 Lm±10%
	Efficiency	160 Lm/W	
LED Brand		Cree 3030	
Beam Angle		60° 90° 120°	
Operation Temp		-40℃ ~ +65℃	
Storage Temp		-40℃ ~ +85℃	
Life Span		65℃ 50000Hours	
IP Class		IP66	
IK Class		IK08	
Certificate		CE,C-TICK,PSE,ROHS	
Lamp Body Color		Black(RAL9005)	
Product Size (mm)		342*342*308	381*381*308
Netweight (kg) ±0.1		3.4Kg	3.7Kg
Packing Size (mm)		384*152*390	424*150*430
Grossweight(kg)±0.1		4.1Kg	4.5Kg
Installation mode		Hook Mount	

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High Bay Light

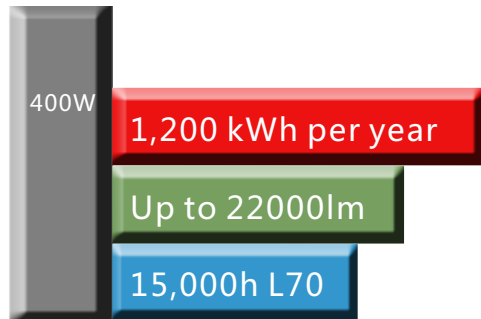
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Safe/Reliability



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Traditional HID 400W Highbay



SHBL 150W



5 years total cost:

	Energy	Cost
400W HID highbay	6000kWh	900USD
SHBL 150W	2250kWh	338USD
Saving	63%	562USD

Estimations: 3000 hrs per year, 0.15 USD per kwh. Buying cost of 400W HID = 77USD , Buying cost of Simplitz SHBL<100USD.
Disregarding the cost of changing lamps.

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Configuration table

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

"*" Able to be customized, and please contact PM directly

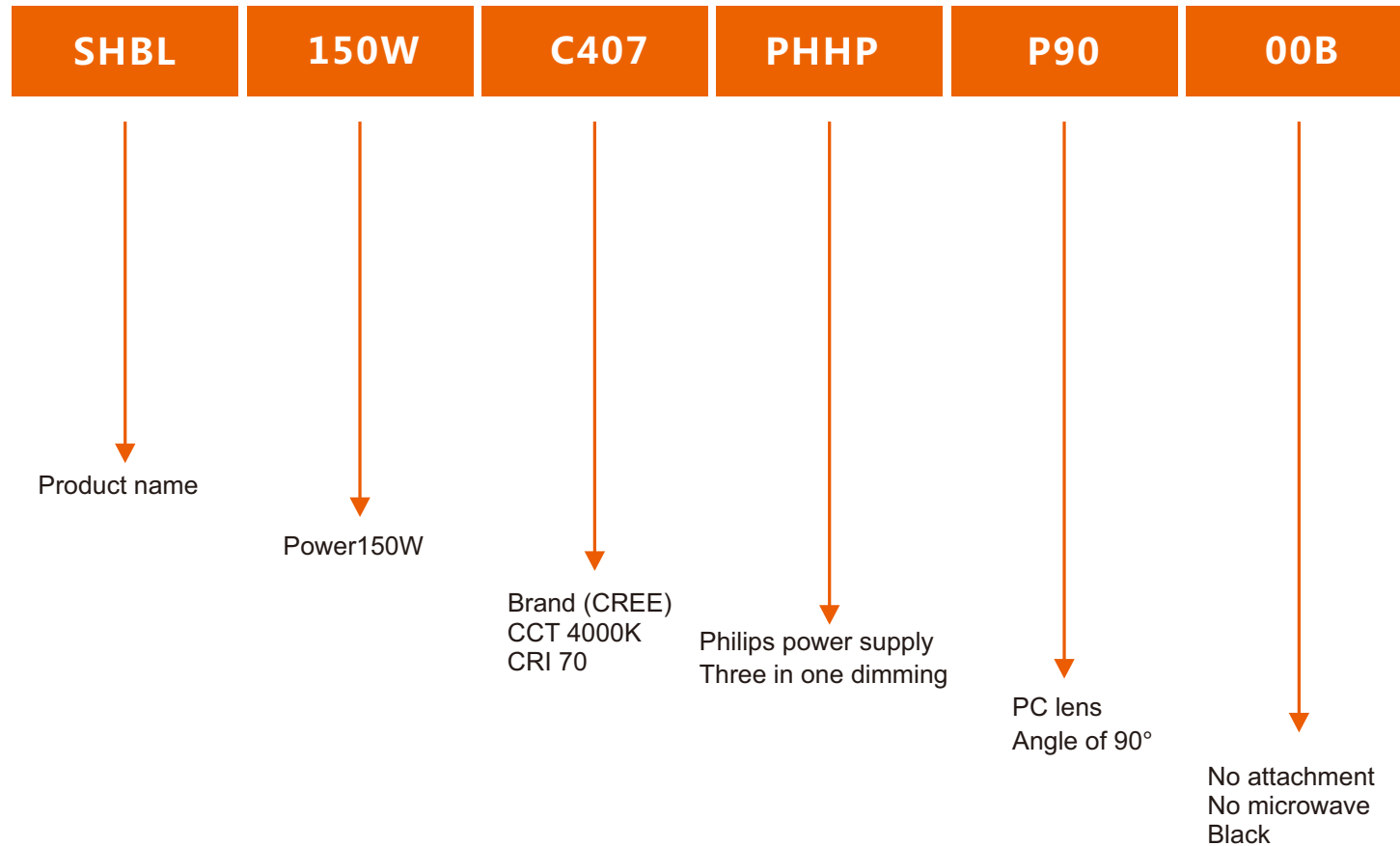
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Customizable table				
	Current	Certification Available	Possibility	Note
Power	100/150W	Yes	80/120W	Customized
CCT	3000/4000/ 5000/5700/ 6500K	Yes		The luminous flux will change due to CCT
Beam Angle	60°/90°/120°	Yes	30°	New tooling is required
Control	on/off, 1-10V	Yes		

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Model description



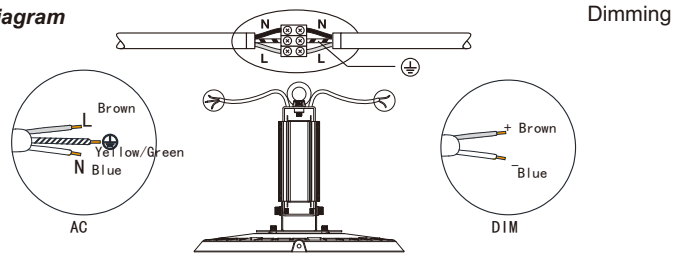
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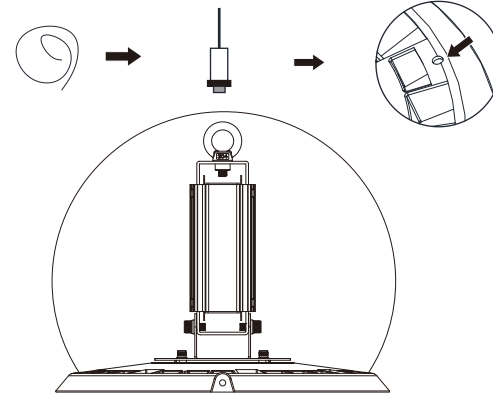
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Installation Guide

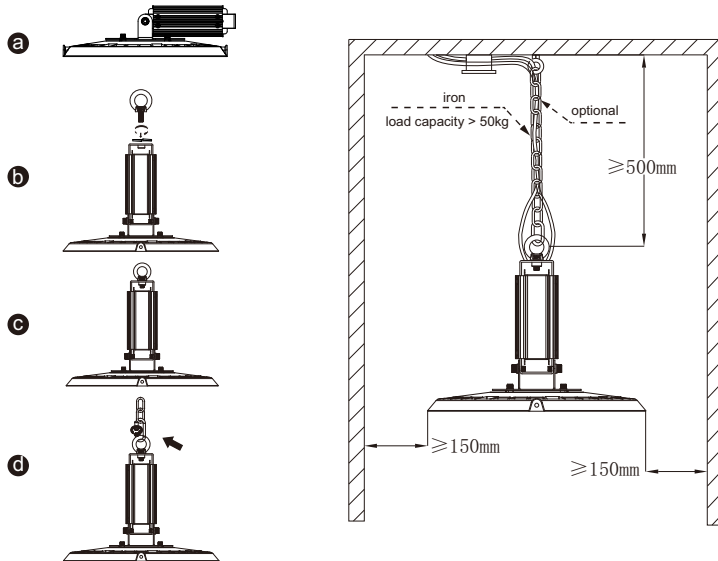
Wiring diagram



For all of the above installation, it is recommended that all models with safety rope.



1- Hook Mount



- Read through this manual before installation.
- 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.
- Make sure the construction is strong enough to support the products.
- If the temperature is too high, the output power will be reduce 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.



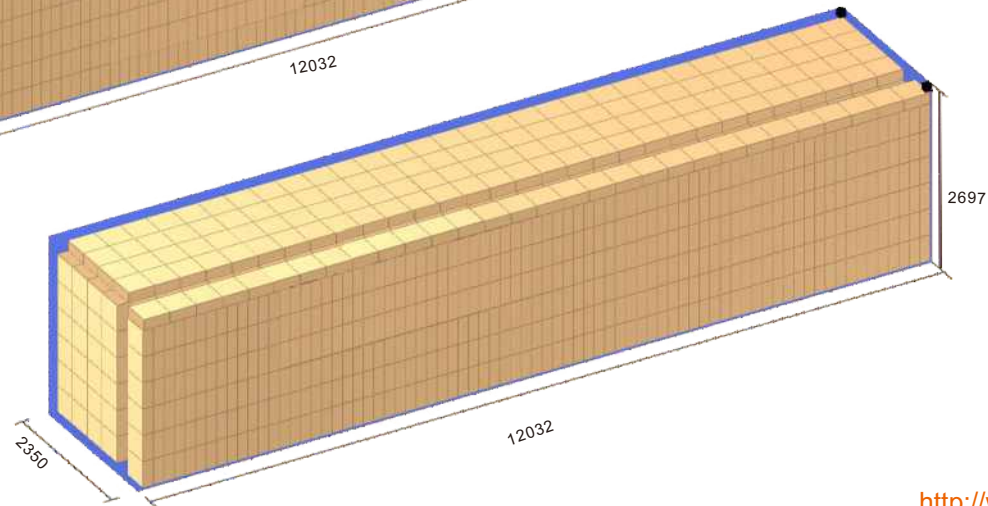
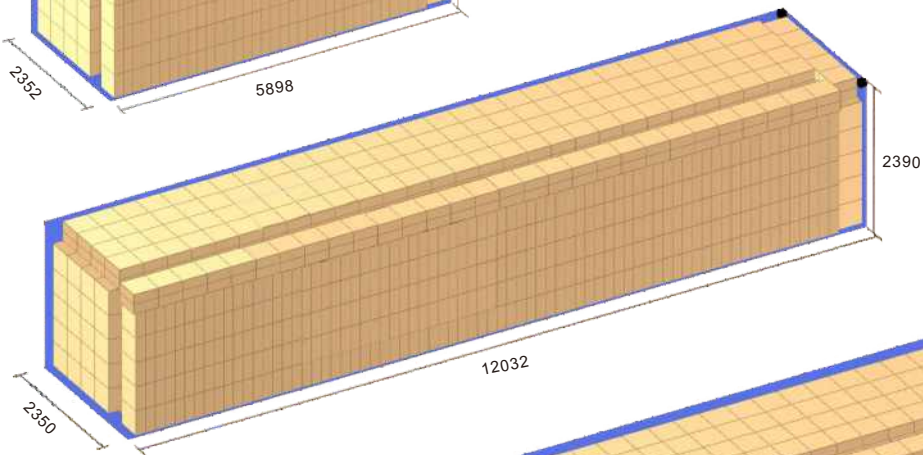
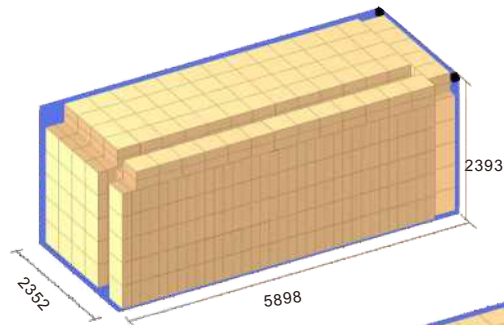
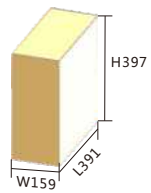
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Container volume calculation

Unit : mm



Container Product	20GP	40GP	40HC
SHBL-M (pcs)	1200	2490	2784

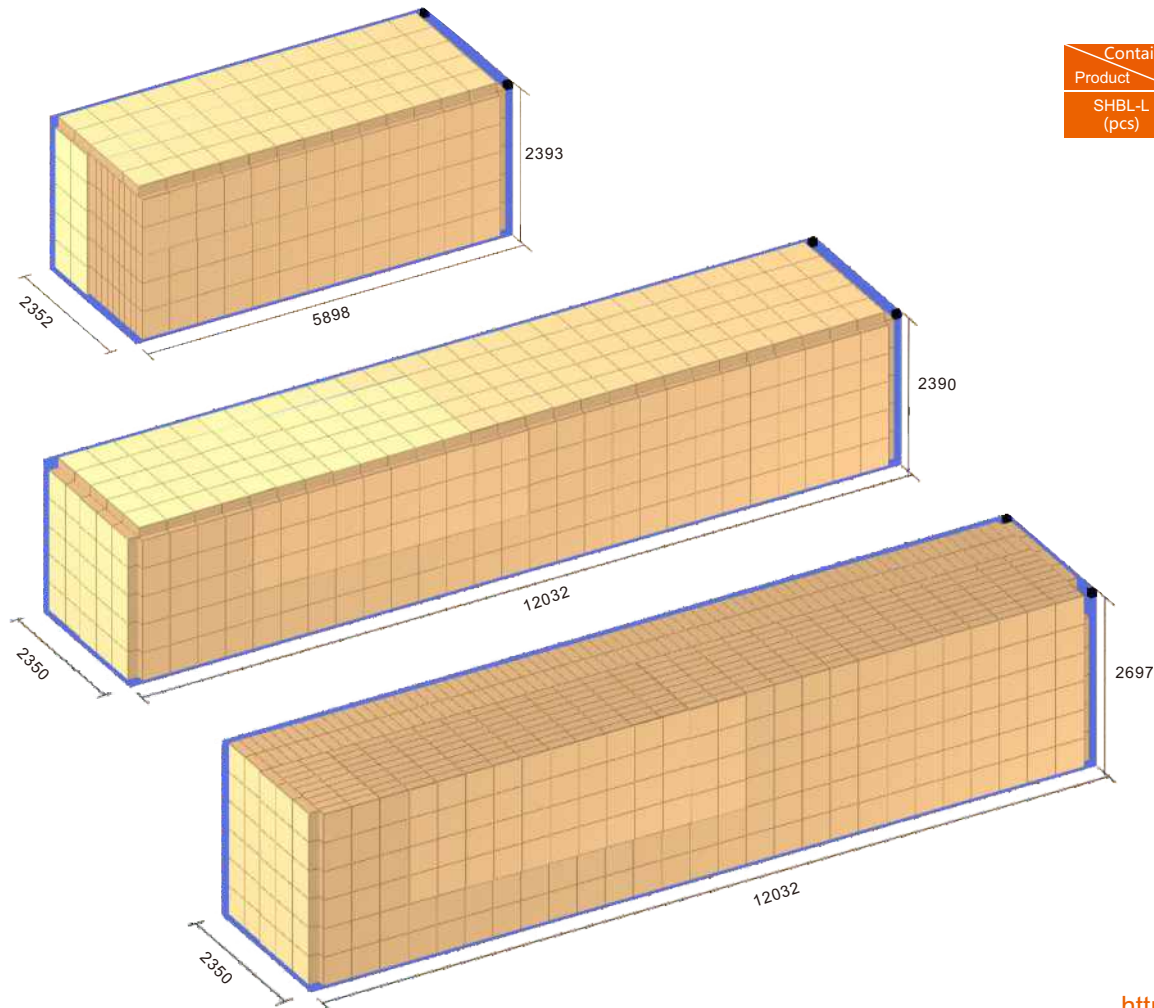
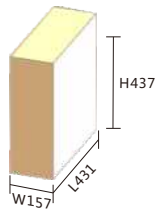
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Container volume calculation

Unit : mm



Container Product	20GP	40GP	40HC
SHBL-L (pcs)	1035	2140	2405

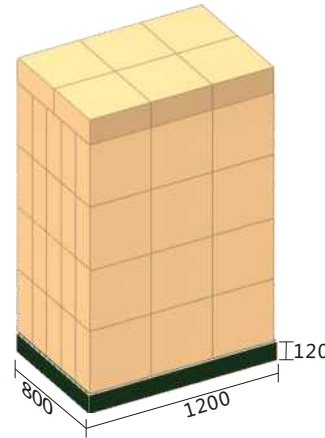
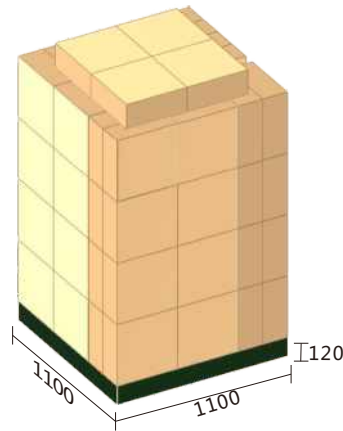
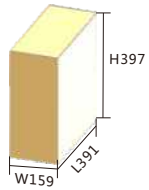
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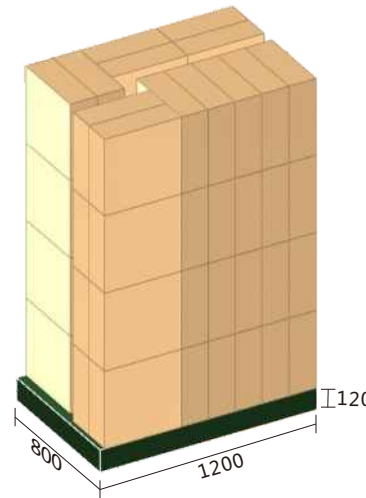
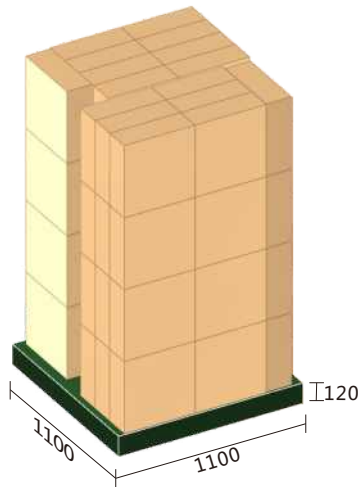
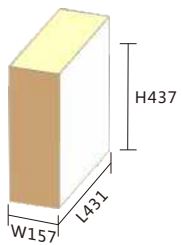
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Container volume calculation

Unit : mm



SHBL-M	Container		20GP	40GP	40HC
	Pallets				
	Pallets(pcs) 1100*1100*120	80 pcs product/pallets	10	20	20
	Pallets(pcs) 1200*800*120	66 pcs product/pallets	11	24	24



SHBL-L	Container		20GP	40GP	40HC
	Pallets				
	Pallets(pcs) 1100*1100*120	64 pcs product/pallets	10	20	20
	Pallets(pcs) 1200*800*120	52 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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