



Industrial Manufacturer

LED Flood Light T400AB



170LM/W

GesCom S.A.

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RoHS



Parameter

WATTAGE	60/100/120/180/200/240 300/360/400/600W
LAMP LUMINOUS FLUX	170LM/W $\pm$ 5%(60°/90°/120°) 160LM/W $\pm$ 5%(30°) 120LM/W $\pm$ 5%(10°)
CRI	Ra>70
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	10°/30°/60°/90°/120°
IP GRADE	IP65
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40℃~60℃

T400B



60W

10,200LM
2.4kg $\pm$ 5%
291×102×266mm



120W

20,400LM
3.8kg $\pm$ 5%
291×219×334mm



180W

30,600LM
4.7kg $\pm$ 5%
291×340×324mm



240W

40,800LM
5.9kg $\pm$ 5%
485×219×334mm



360W

61,200LM
8.6kg $\pm$ 5%
485×340×324mm

T400A

100W

17,000LM
2.9kg $\pm$ 5%
291×102×266mm

200W

34,000LM
4.2kg $\pm$ 5%
291×219×334mm

300W

51,000LM
5.6kg $\pm$ 5%
291×340×324mm

400W

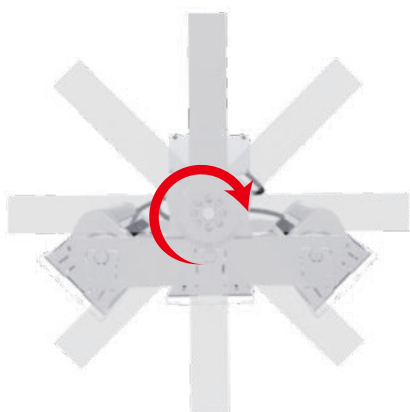
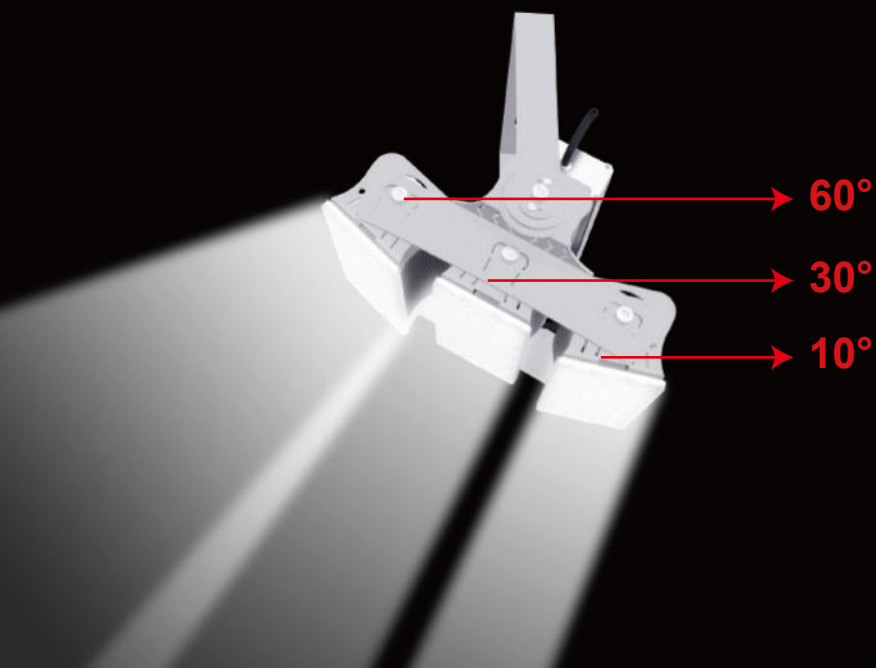
68,000LM
7.4kg $\pm$ 5%
485×219×334mm

600W

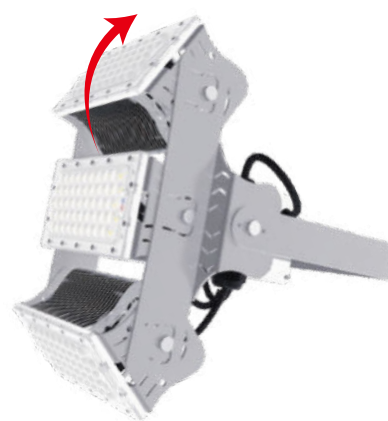
102,000LM
10.3kg $\pm$ 5%
485×340×324mm

Professional Light Distribution

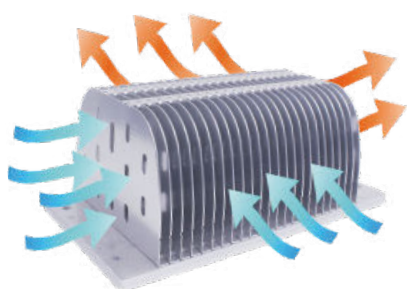
Multiple optical lens choices are available with angles including 10°/30°/60°/90°/120° to meet the requirements for professional light distribution and an extensive scope of applications.



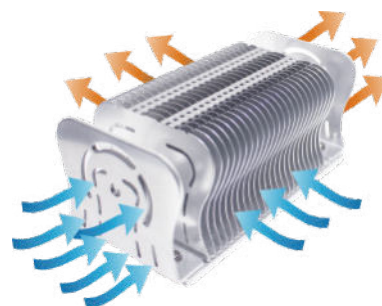
Arc bracket rotatable 360°



Module rotatable 90°



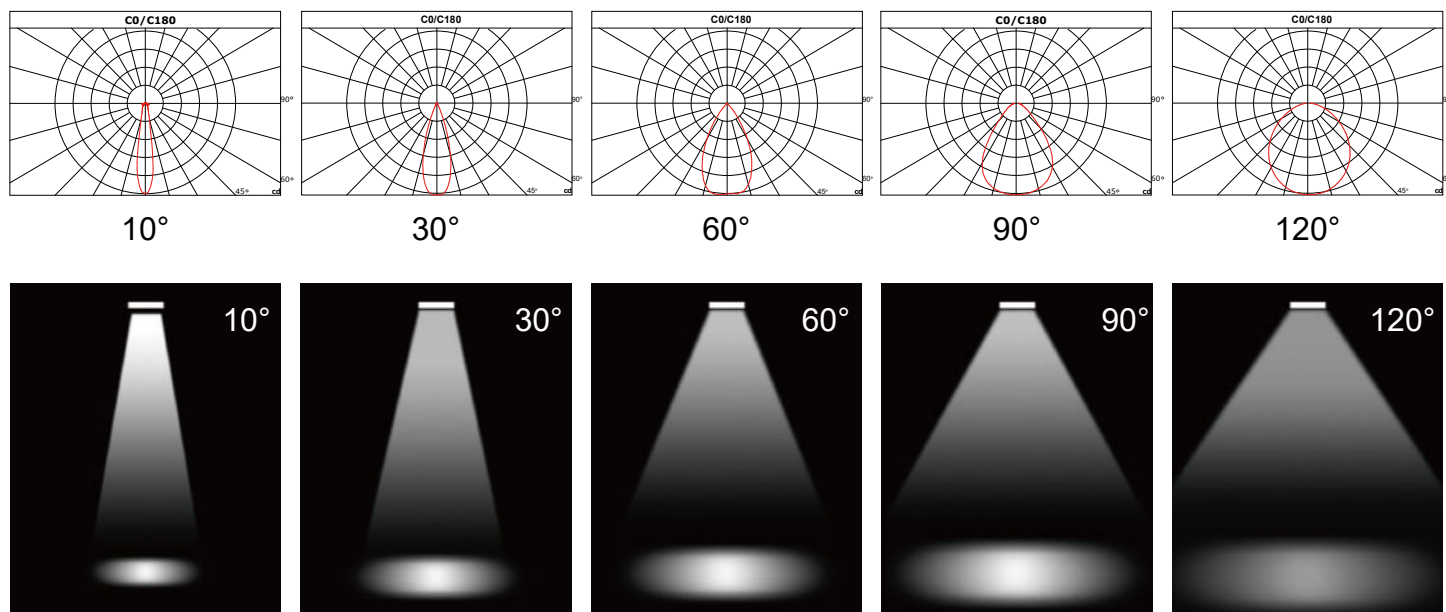
- Ultra Lightweight
- Highly Efficient Heat Dissipation
- Multiway Air Flow+ Aluminum Cooling Fin



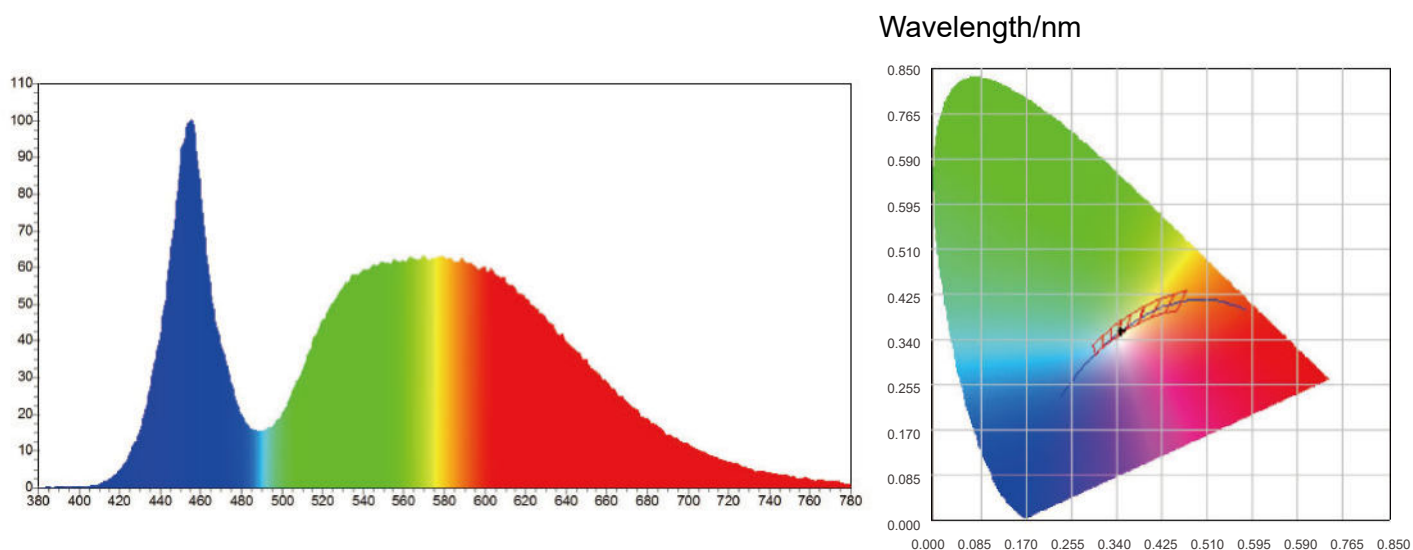
Application



Light Distribution Curve

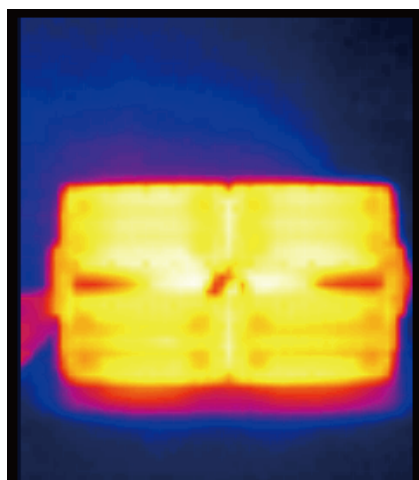


Intergrating sphere test report CO-T400-200W-5000K

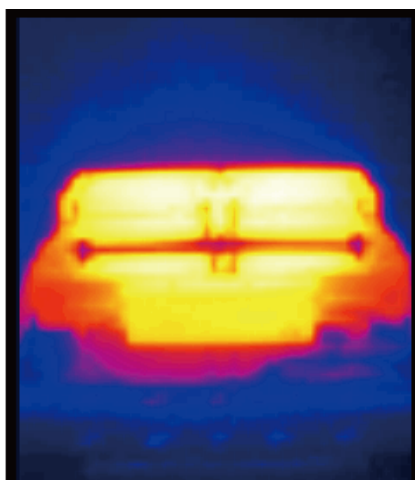


Spectrum		Electrical			
WD:	574.0 nm	I(test):	972.0 mA		
WP:	456.0 nm	V:	215.20 V		
HW:	25.0 nm	Flux:	34820.0105 lm		
R%:	31.3	P:	170.269 lm/w		
G%:	43.1	P:	204.500 w		
B%:	25.6	PF:	0.9740		
CIE(x,y):	0.3514 , 0.3586	R1: 80.6	R2: 85.5	R3: 85.3	
CIE(u,v):	0.2130 , 0.3260	R4: 79.4	R5: 78.5	R6: 76.7	
Ra:	80.5	R7: 87.0	R8: 71.0	R9: 18.6	
DUV:	0.0010	R10: 60.7	R11: 76.5	R12: 43.1	
CCT:	4797 K	R13: 81.0	R14: 91.0	R15: 78.7	

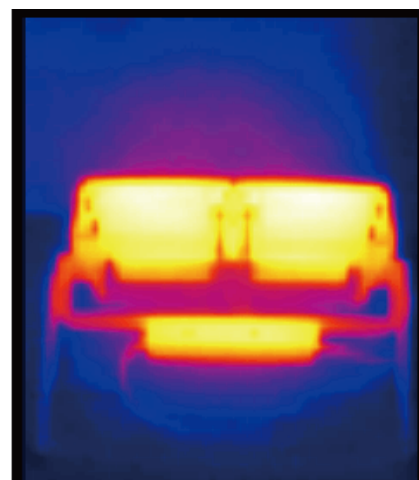
Temperature Rising Report



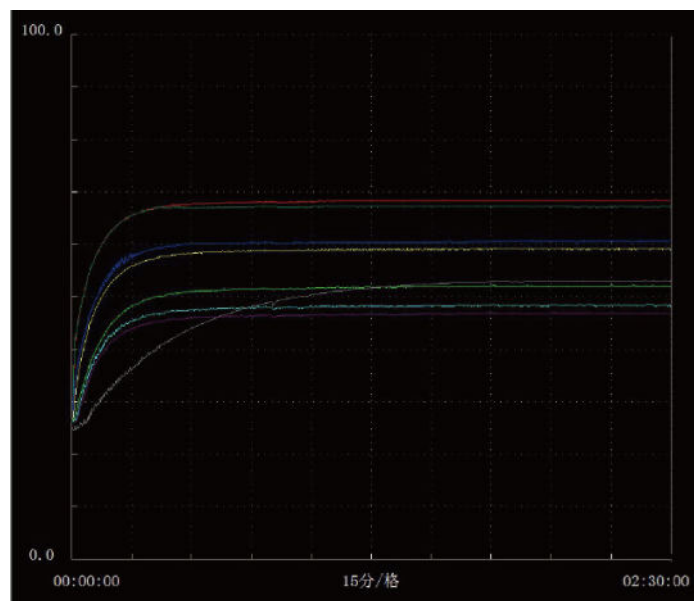
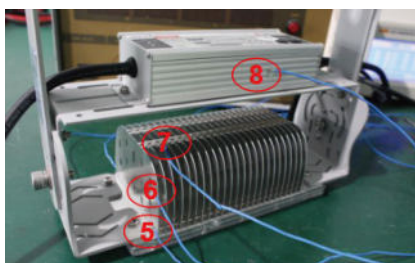
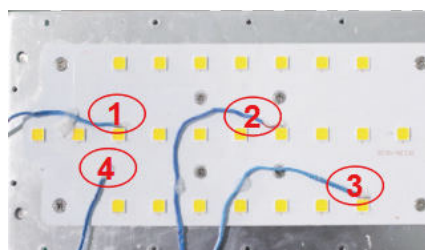
Luminous surface



Back



Overlook



- CH1 TJ
- CH2 TJ
- CH3 TJ
- CH4 PCB Board
- CH5 Heat Sink
- CH6 Heat Sink
- CH7 Heat Sink
- CH8 LED Driver

TIME(min)	0:00:00	0:30:00	1:00:00	1:30:00	2:00:00
CH1 TJ	29	58.7	59.6	60.0	60.0
CH2 TJ	29	53.0	53.8	54.1	54.2
CH3 TJ	29	62.5	63.1	63.3	63.4
CH4 PCB Board	29	53.9	54.6	54.8	54.9
CH5 Heat Sink	29	50.7	51.5	51.9	52.1
CH6 Heat Sink	29	46.1	46.7	47.1	47.5
CH7 Heat Sink	26	45.4	46.0	46.3	46.5
CH8 LED Driver	29	37.3	40.8	41.9	42.2

Test



Salt Spray Test

The heat sink processed by oxidization and powder spraying so that it has good corrosion resistance.



UV Aging Test

The test time is about 1440 hours. After test the lamp working regularly , no discoloration appearance , no yellowing of the pc lens , no rust of the support.



Waterproof Test

Every lamp will be tested the water-proof at least 2 hours before shipment. The semiautomatic test line make it very efficient to shorten lead time.



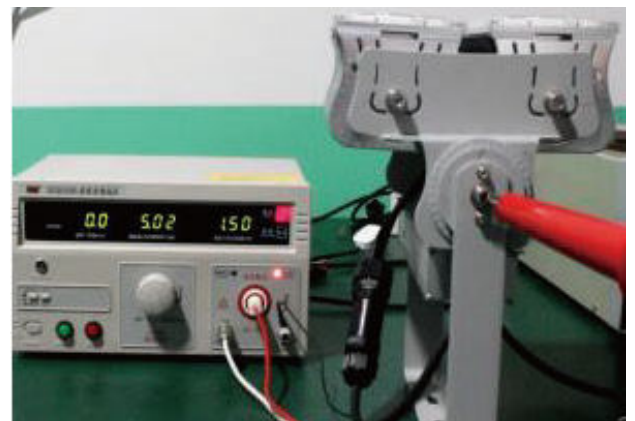
High-Low Temperature Test

The Test equipment opening 4hours, keeping temperature<-40°C, the lamp working fine. The Test equipment opening 4hours, keeping temperature>60°C, the lamp keep working fine.



Vibration Test

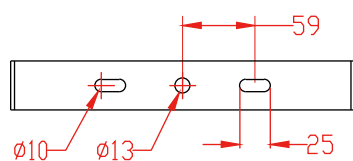
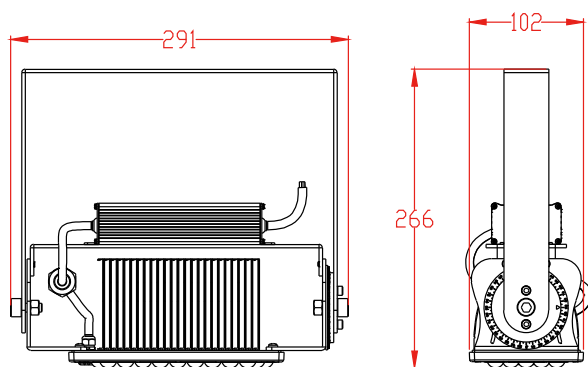
Vibration test is a simulation of various vibration condition including Transportation, Installation and Using , to ensure whether products can withstand or not.



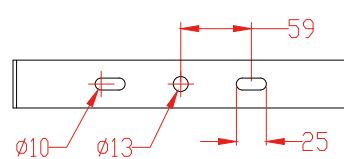
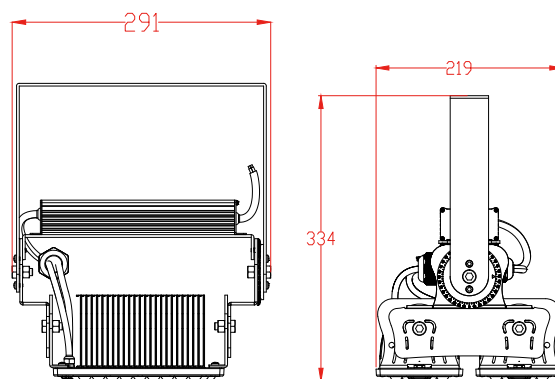
Withstand Voltage Test

Testing whether the withstand voltage is within the specified value, to avoid sudden voltage surges such as short circuit, operation error, fault, etc, causing breakdown or accidents.

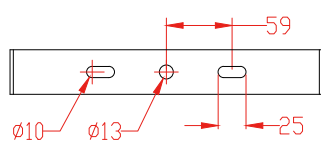
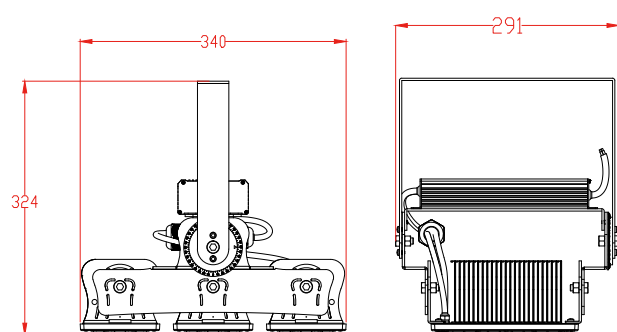
60/100W



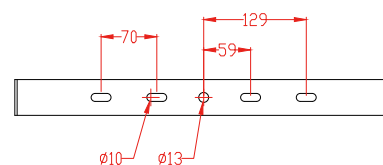
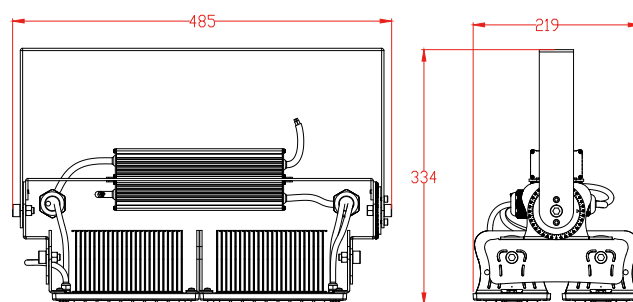
120/200W



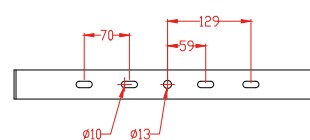
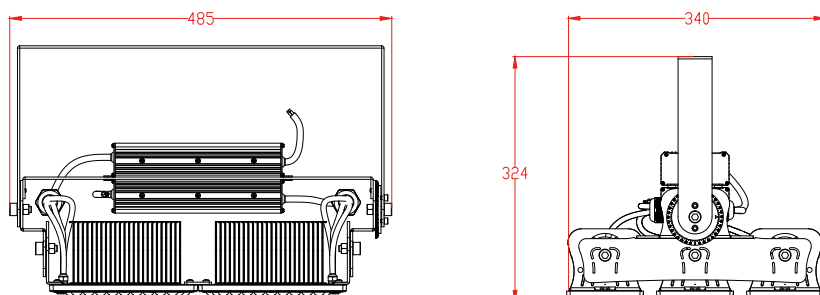
180/300W



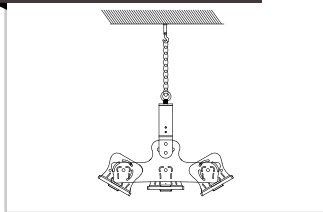
240/400W



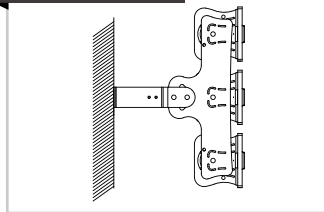
360/600W



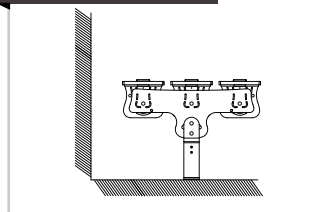
Suspended installation



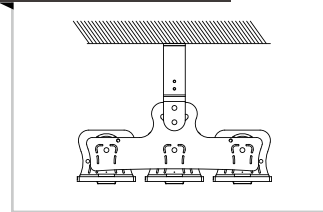
Wall installation



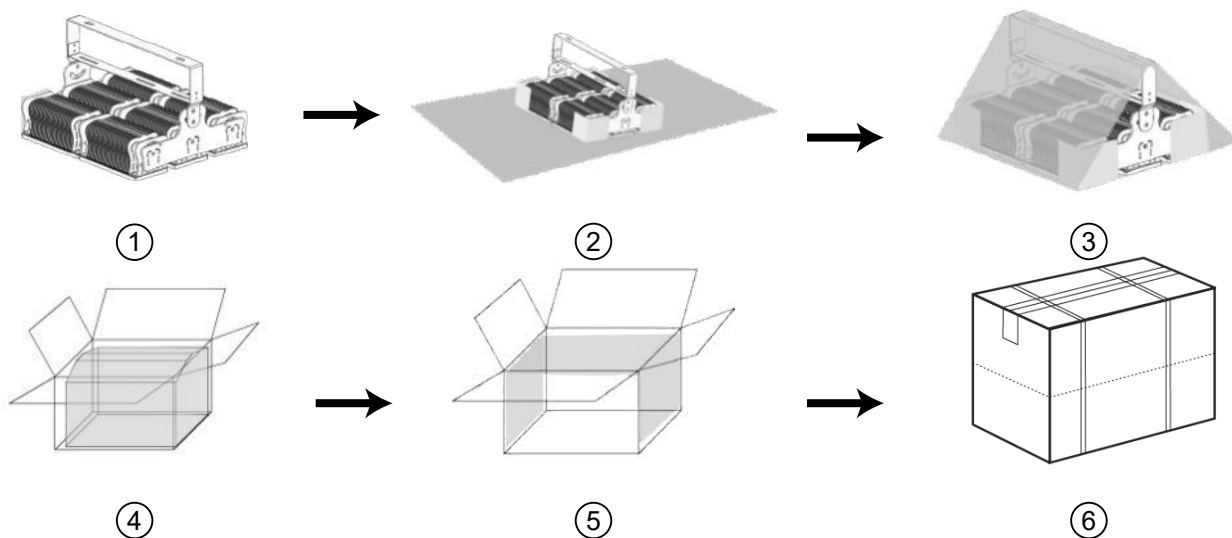
Ground installation



Ceiling installation



Packaging



Model	Size of Box	Gross Weight	Size of Carton	Gross Carton	Box Quantity /Carton
CO-T400A-100W	34*15*32cm	3.5KG±5%	71*35*34cm	18.0KG±5%	5
CO-T400A-200W	32*25*35cm	5.1KG±5%	53*34*72cm	21.5 KG±5%	4
CO-T400A-300W	41*34*25cm	6.7KG±5%	67*42*27cm	15.5KG±5%	2
CO-T400A-400W	52*25*34cm	7.8KG±5%	55*53*38cm	18.7KG±5%	2
CO-T400A-600W	54*42*28cm	11.9KG±5%	55*44*59cm	25.2KG±5%	2
CO-T400B-60W	34*14*31cm	2.8KG±5%	71*35*34cm	16.3KG±5%	5
CO-T400B-120W	32*26*36m	4.7KG±5%	53*34*73cm	19.1KG±5%	4
CO-T400B-180W	41*34*25cm	5.7KG±5%	69*44*52cm	23.4KG±5%	4
CO-T400B-240W	53*26*34cm	6.6KG±5%	55*53*38cm	15.5KG±5%	2
CO-T400B-360W	54*41*25cm	9.9KG±5%	55*44*59cm	22.5KG±5%	2



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