

G-COMIN

Innovative LED Light Manufacturer

LED Versatile Light T300



140LM/W

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ADD: Coming Industrial Park
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RoHS



Parameter

WATTAGE	50/100/150/200/300W
LIGHT SOURCE	LUMILEDS
LED QUANTITY	72 LEDS EACH MODULE
DRIVER	MEANWELL
LAMP LUMINOUS FLUX	140LM/W±5%
CRI	Ra>80
CCT	2700-6500K
RATED VOLTAGE	AC 90-305V 50/60Hz; DC24V
POWER FACTOR	>0.95
BEAM ANGLE	X-135°,Y-65°/30°/60°/120°
IP GRADE	IP65
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40°C~60°C



50W
7,000LM
2.1kg±5%
72PCS LED
242×102×196.5mm



100W
14,000LM
3.2kg±5%
144PCS LED
242×221×247mm



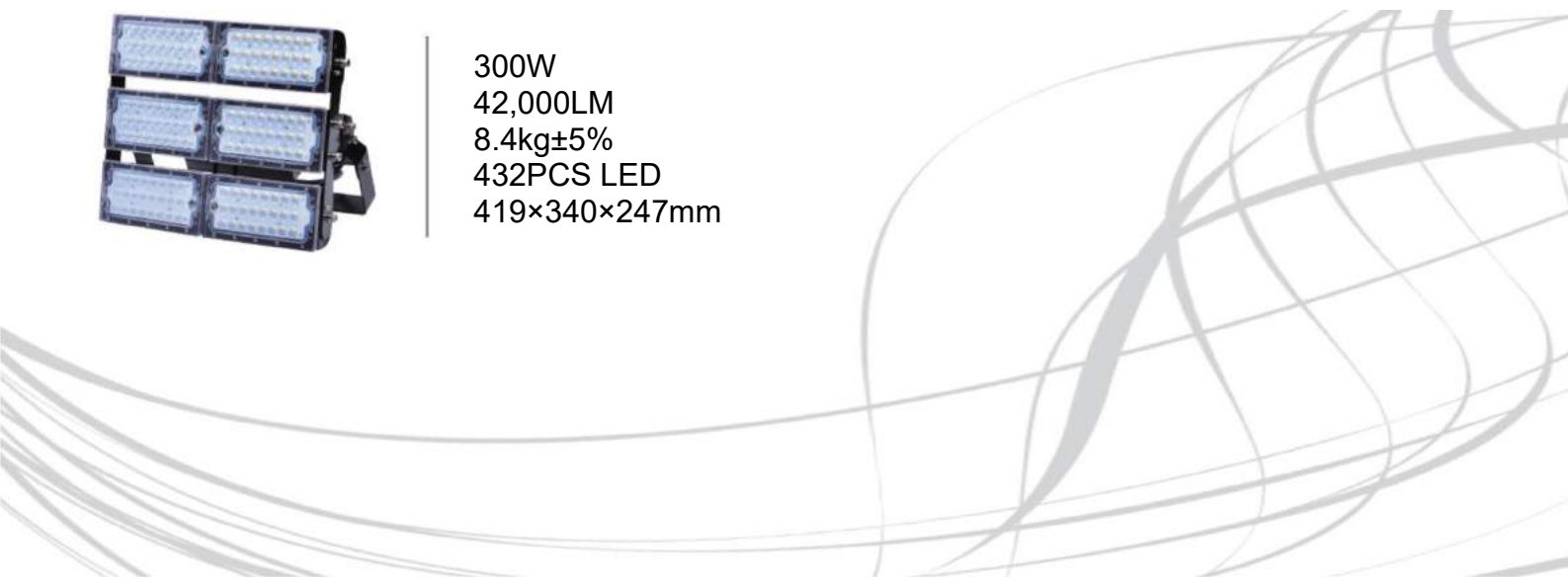
150W
21,000LM
4.1kg±5%
216PCS LED
242×340×247mm



200W
28,000LM
5.5kg±5%
288PCS LED
419×221×247mm

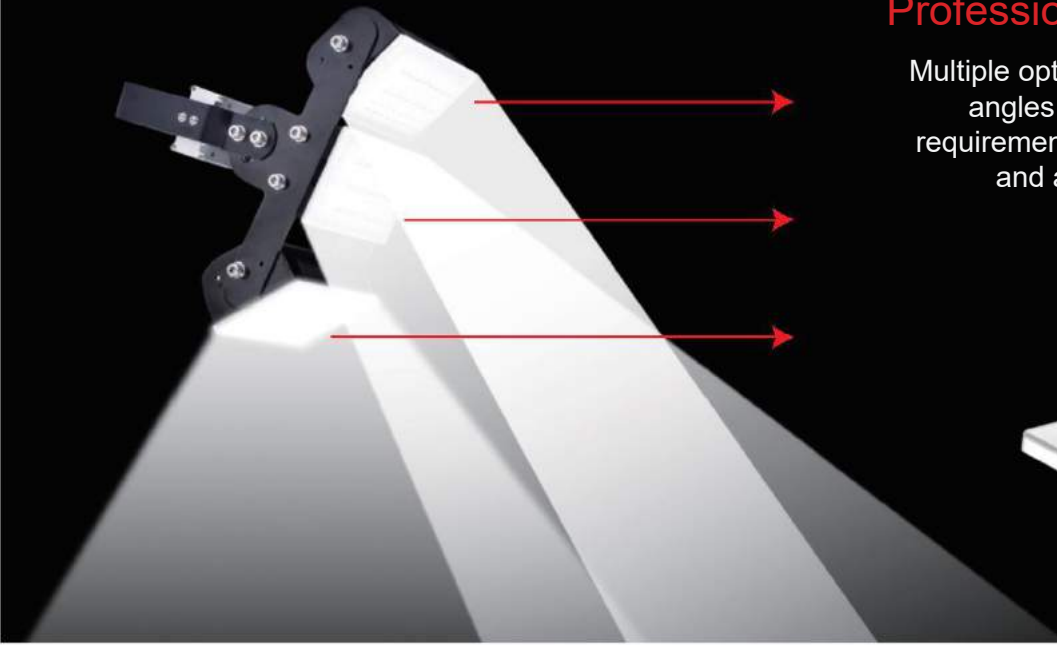


300W
42,000LM
8.4kg±5%
432PCS LED
419×340×247mm



Professional Light Distribution

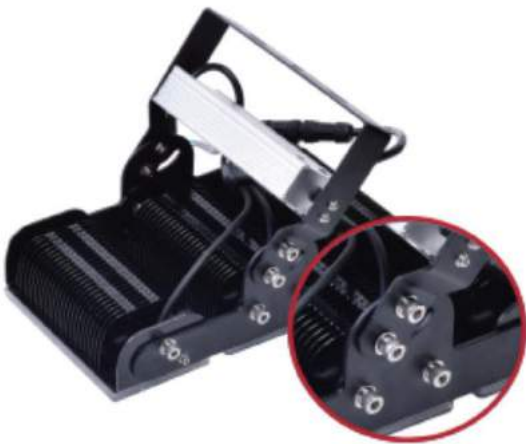
Multiple optical lens choices are available with angles including 30°/60°/120° to meet the requirements for professional light distribution and an extensive scope of applications.



Arc bracket rotatable 180°



Module rotatable 90°

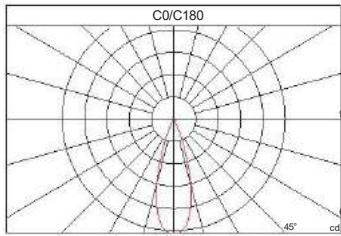


304 stainless steel

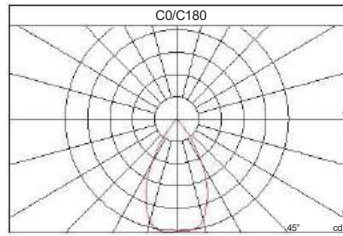


UV resistant material from Japanese Mitsubishi

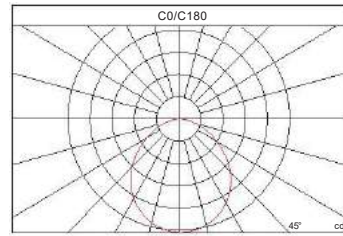
Light Distribution Curve



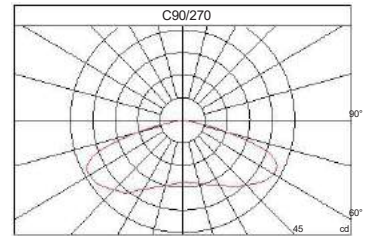
30°



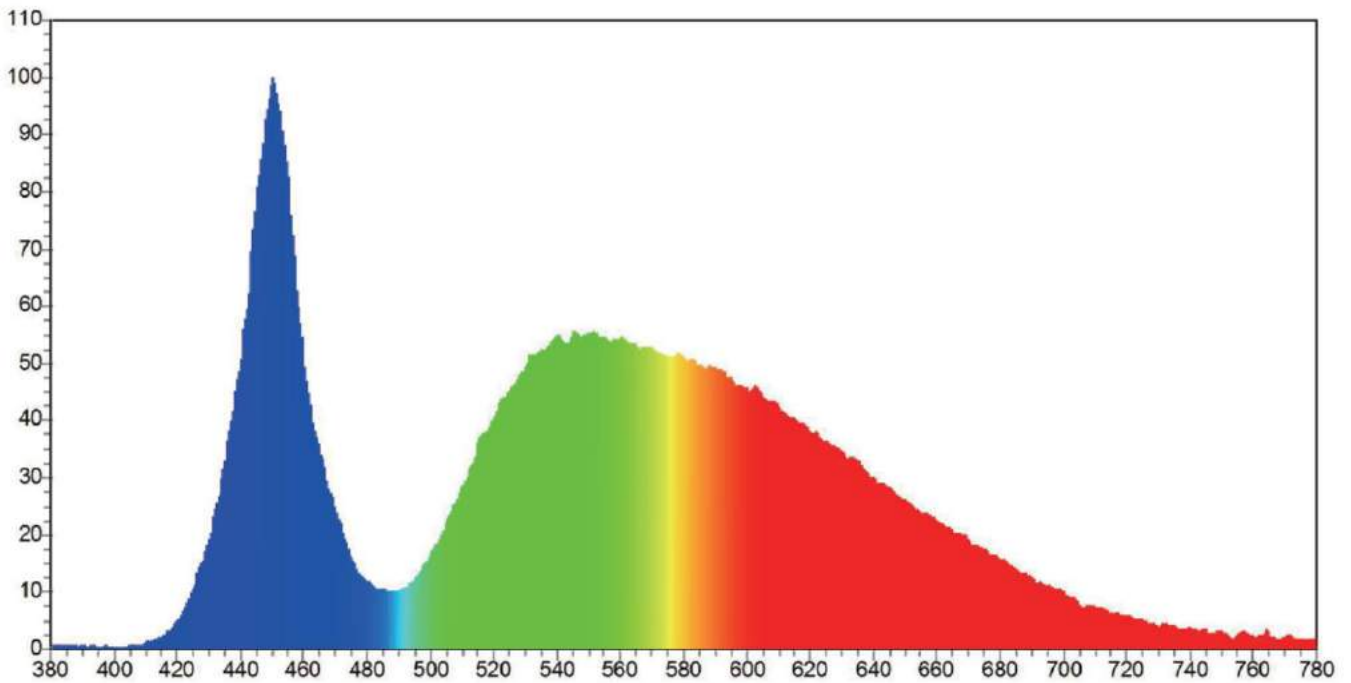
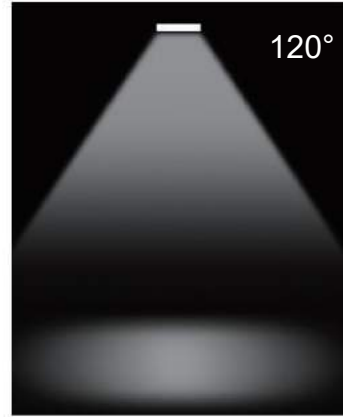
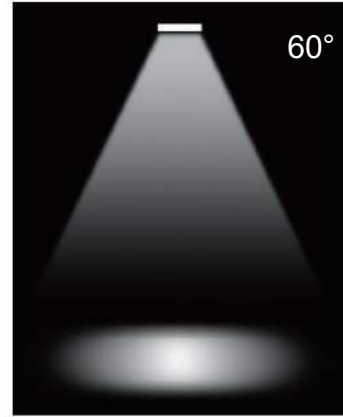
60°



120°



135×65°



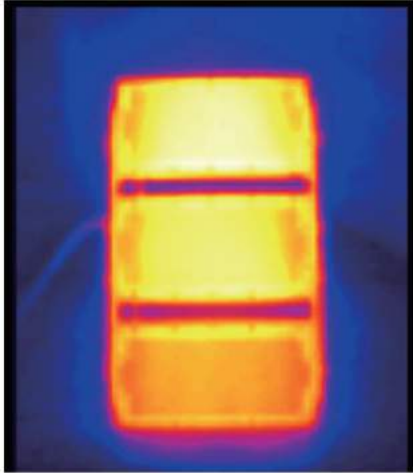
Spectrum Parameters

x: 0.3379	y: 0.3447	R%: 29.1	G%: 44.0	B%: 26.9
u: 0.2092	v: 0.3201	R1: 77.0	R2: 79.7	R3: 78.1
WD: 567.7 nm	WP: 450.6 nm	R4: 77.4	R5: 75.2	R6: 68.9
W: 22.0 nm	Purity: 0.048	R7: 81.6	R8: 69.2	R9: 7.6
CCT: 5272 K	Ra: 75.9	R10: 47.3	R11: 79.5	R12: 40.9
SDCM: 20.15	DUV: -0.0005	R13: 76.2	R14: 87.0	R15: 75.1
Kred 17.51%	Kgreen 78.41%	Kblue 4.08%		

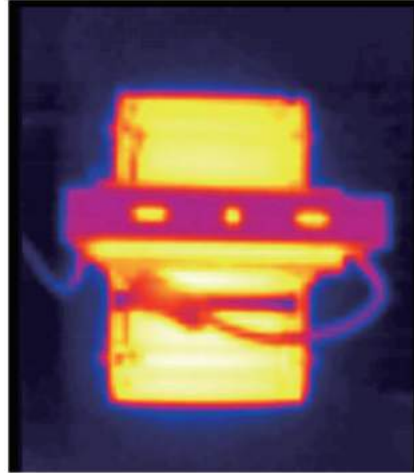
Electrical

Flux: 6861.929 lm	P: 138.067 lm/w	P: 8038.86 mw
I: 225.0 mA	V: 220.80 V	P: 49.700 w
		PF: 0.9760

Temperature Rising Report



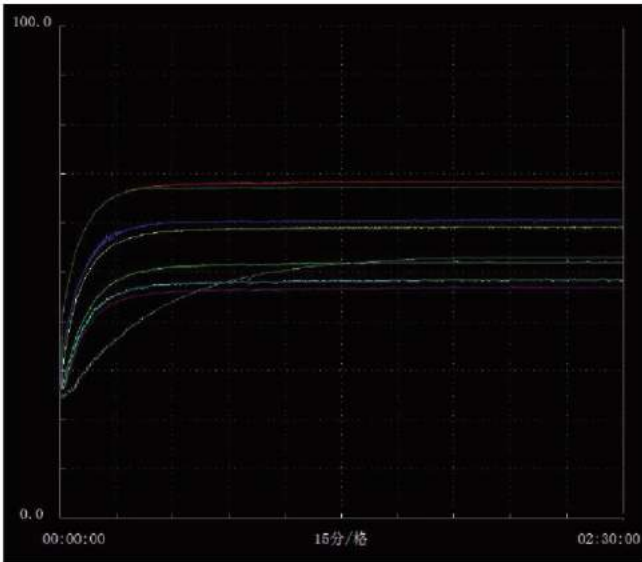
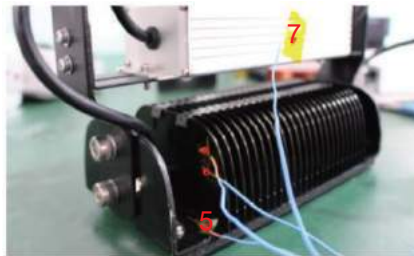
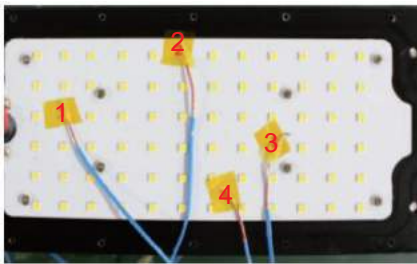
Luminous surface



Back



Overlook



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

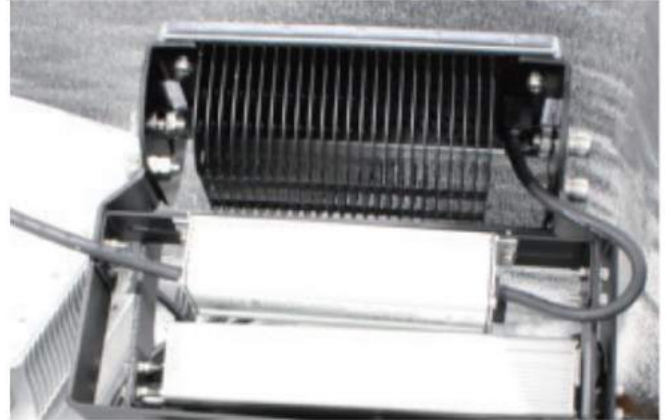
TIME(min)	0:00:00	0:30:00	1:00:00	1:30:00	2:00:00
CH1 TJ	29	59.4	59.8	59.9	59.7
CH2 TJ	29	55.4	56	55.9	55.8
CH3 TJ	29	55.3	55.8	55.8	55.7
CH4 PCB Board	29	56.9	57.3	57.2	57.1
CH5 Heat Sink	29	49.3	49.9	49.8	49.7
CH6 Heat Sink	29	51.4	51.8	51.7	51.7
CH7 LED Driver	29	49.2	53.5	54.4	54.4
CH8 Heat Sink	29	51.9	52.3	52.3	52.2

Test



Salt Spray Test

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



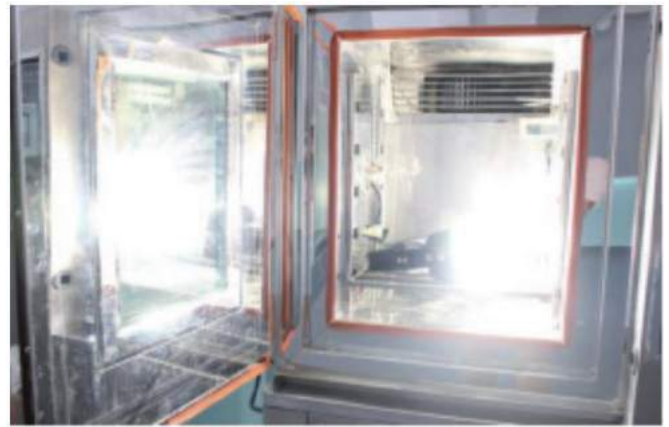
UV Aging Test

The test time is about 1440 hours. After test the lamp works normally , no discoloration appearance , no yellowing of the lens , no rust of the bracket.



Waterproof Test

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



High-Low Temperature Test

The test equipment opens 2hours, keeping temperature $<-40^{\circ}\text{C}$, the lamp working fine. The test equipment opens 4 hours, keeping temperature $>60^{\circ}\text{C}$, the lamp is keep working fine.



Vibration Test

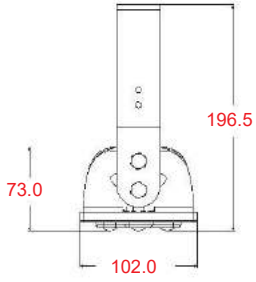
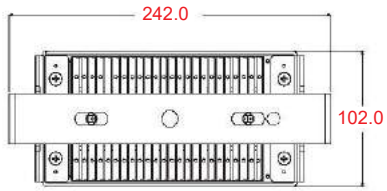
Vibration test is a simulation of various vibration condition including transportation, installation and using , to ensure whether products can withstand.



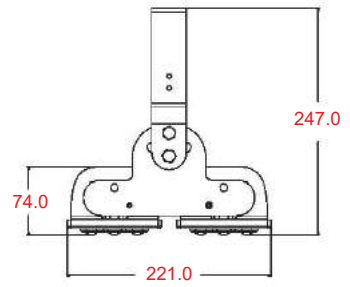
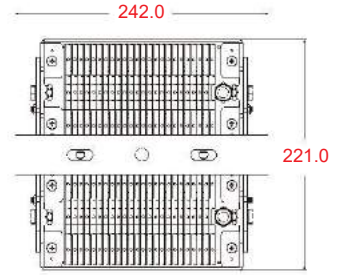
Withstand Voltage Test

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.

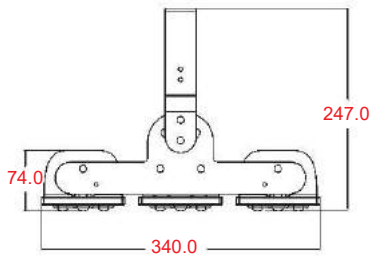
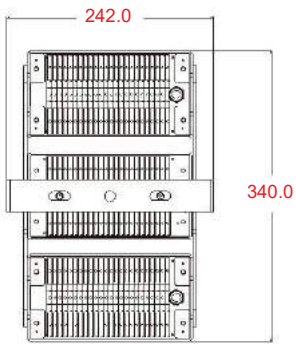
50W



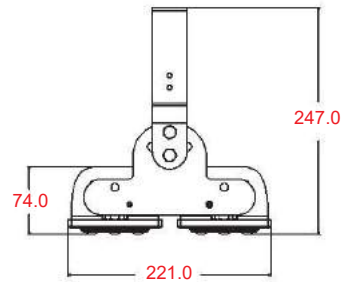
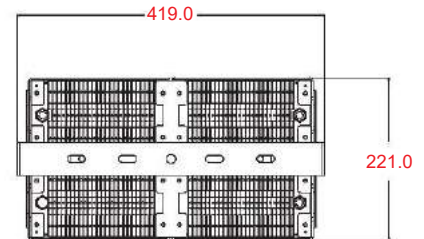
100W



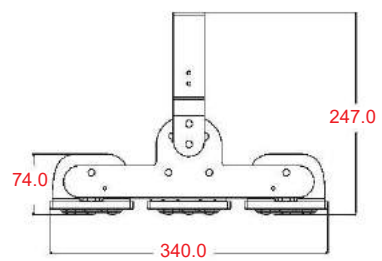
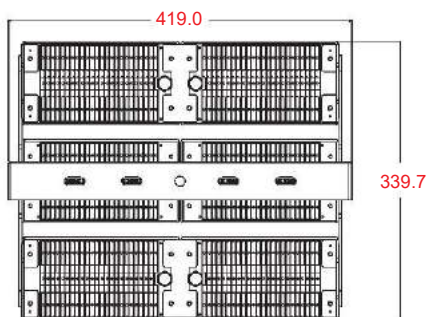
150W



200W



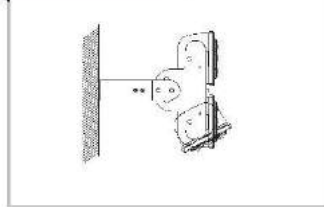
300W



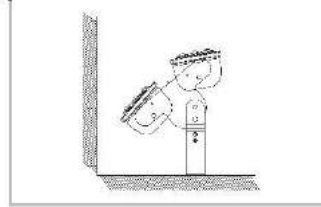
Suspended installation



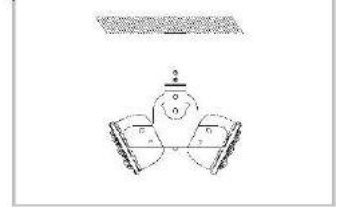
Wall installation



Ground installation



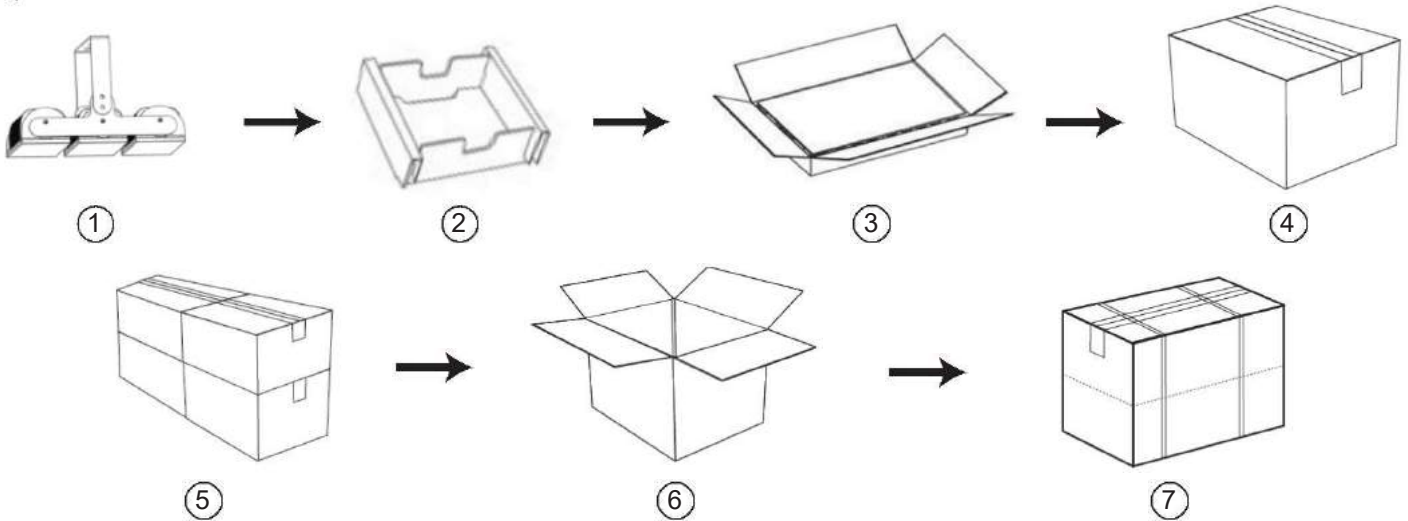
Ceiling installation



Application



Packaging



Model	Size of Box	Weight of Carton	Size of Carton	Size of Carton	Gross Weight of Carton
CO-T300-50W	27*13*24cm	2.6KG	67*29*51cm	23.9 KG	10
CO-T300-100W	28*27*25cm	4.0KG	59*29*52cm	16.6 KG	4
CO-T300-150W	38*27*25cm	5.4KG	57*39*52cm	21.2 KG	4
CO-T300-200W	45*29*27cm	6.4KG	59*48*29cm	13.9 KG	2
CO-T300-300W	46*40*26cm	9.6KG	48*41*55cm	19.2 KG	2

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