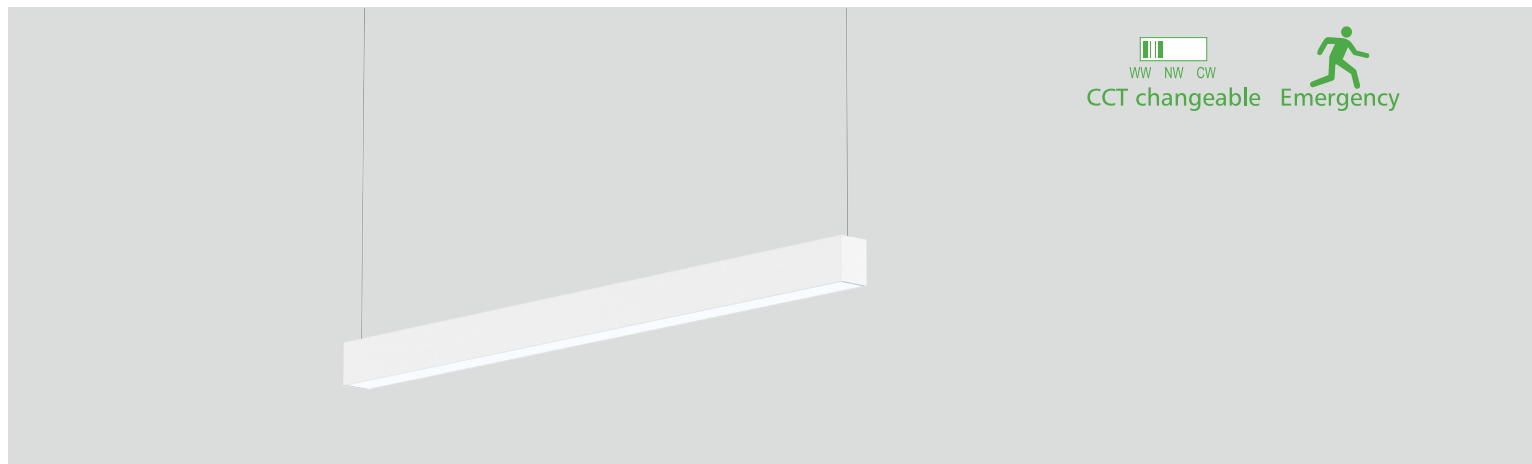




LED Batten

Triumph

Introduction



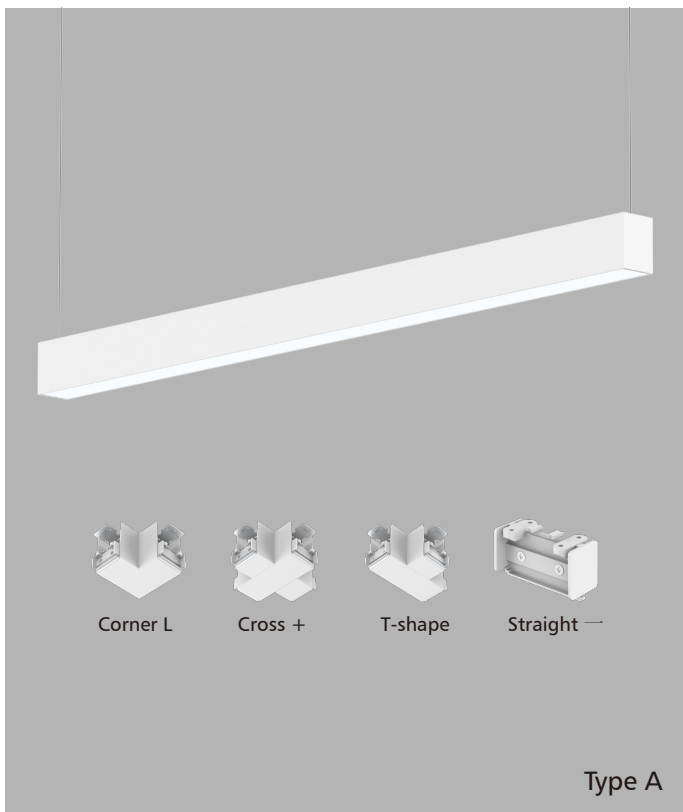
◀ The DB66A is a new linkable design light. Adopt high lumen efficiency SMD LED with even light output, aluminum light body providing excellent thermal management. Pendant with steel rope, pendant with round ceiling plate, surface mounted, wall mounted, recessed and track installation are all available. With Corner/ Cross/ Straight/ T shaped connectors for multiple shape design.

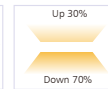
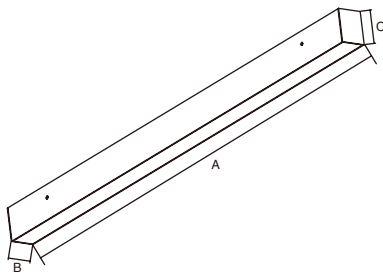
Features

1. Multiple installation: Pendant/surface mounted/wall mounted/recessed/Track.
2. Modular design with convenient replacement.
3. High lumen efficiency, 110lm/w.
4. Interchangeable CCT(3000/4000/5700k) with slide switch.
5. DALI, 0-10V dimming for options.
6. With emergency function available.
7. Up and down light effect for wall mount and pendant installation.
8. With Corner/ Cross/ Straight/ T shaped connectors for multiple shape design.

Application Areas

It is mainly used for traditional suspended installation such as workshop, utility rooms, garages and more.





Measurement

Code	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
1200	1204	56	75	1204*56*75	2.75	3	16.5	17.5	131*21*18	6	3036	7254
1500	1504	56	75	1504*56*75	3.35	3.65	20	21.5	161*21*18	6	2442	6084
T	158	107	75	158*107*75	0.38	0.53	6.8	11	53.5*50*29.5	18	6210	15210
+	158	158	75	168*150*75	0.475	0.655	5.7	9.4	53.5*50*29.5	12	4320	10668
L	107	107	75	107*107*75	0.285	0.405	5.1	8.8	56*36*38.5	18	6912	15120

Technical Data Sheet

Code		DB66A-1200-36W DB66A-1200-36W-E	DB66A-1200-50W	DB66A-1500-42W DB66A-1500-42W-E	-1500-60W
Watt(W)		36W	50W	42W	60W
Dimension(mm)		1204*56*75		1504*56*75	
Rated Input Voltage(V)		AC230V			
Input Voltage(V)		AC220-240V			
LED		SMD			
SDCM		<6			
CCT(K)		1-CCT: 3000K / 4000K / 5000K / 5700K 3-CCT: 3000K + 4000K + 5700K			
"Luminous Flux (lm) ±5%"	1-CCT	3700~3950	5000~5200	4400~4600	6200~6500
	3-CCT	3700~4000	4900~5250	4400~4800	6200~6500
CRI		>80			
Beam Angle (°)		120°			
UGR		—			
LED Driver		Built-in			
DIM		DALI,0-10V			
CCT Selection Switch		Yes			
Protection Class		Class I			
IP Rating		IP40			
IK Rating		IK06			
Finishing color		White RAL 9016			
Material		PC / Aluminum			
Lifetime (hr)		50,000h			
Glow wire test (°C)		750°C			
Operating Temp.(°C)		-20°C ~45°C			
Storage Temp.(°C)		-20°C ~65°C			
Installation		Surface mount / Pendant / Wall mount / Recessed/Track			

Driver Datasheet(Non-dimmable)

Power	36W	42W	50W	60W
Rated Input Voltage(V)	AC230V			
Frequency	50/60Hz			
Input Voltage	AC220-240V			
Efficiency	≥87%	≥87%	≥87%	≥87%
Total load wattage	36W±5%	42W±5%	50W±5%	60W±5%
Power Factor	0.9			
Rated Input Current	≤0.26A	≤0.4A	≤0.4A	≤0.4A
Full load output voltage	DC33-42V	DC33-42V	DC33-42V	DC33-42V
Rated output curent	950mA	1100mA	1300mA	1550mA
Output current range	950mA±5%	1100mA±5%	1300mA±5%	1550mA±5%
Power tolerance	±5%			
Current output tolerance	±5%			
Short circuit protection	PASS			
Over voltage protection	PASS			
Over temperature protection	PASS			
THD	≤20% @ 230VAC			
Surge	L-N: 1KV / L,N-PE: 2KV			
Withstand voltage	AC3750			

Driver Datasheet(DALI Dimmable)

Power	36W	42W	50W	60W
Rated Input Voltage(V)	AC230V			
Frequency	50/60Hz			
Input Voltage	AC220-240V			
Efficiency	≥87%	≥87%	≥87%	≥87%
Total load wattage	36W±5%	42W±5%	50W±5%	60W±5%
Power Factor	0.9			
Rated Input Current	≤0.22A	≤0.27A	≤0.32A	≤0.36A
Full load output voltage	DC20-50V	DC20-50V	DC20-50V	DC20-50V
Rated output curent	950mA	1100mA	1300mA	1550mA
Output current range	950mA±5%	1100mA±5%	1300mA±5%	1550mA±5%
Power tolerance	±5%			
Current output tolerance	±5%			
Dimming Range	0%~100%			
Short circuit protection	PASS			
Over voltage protection	PASS			
Over temperature protection	PASS			
THD	≤20% @ 230VAC			
Surge	L-N: 1KV / L,N-PE: 2KV			
Withstand voltage	AC3750			

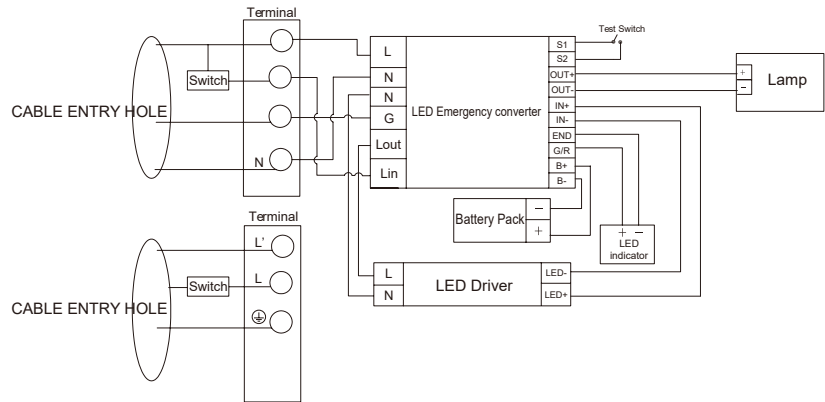
Driver Datasheet(0-10V Dimmable)

Power	36W	42W	50W	60W
Rated Input Voltage(V)	AC230V			
Frequency	50/60Hz			
Input Voltage	AC220-240V			
Efficiency	≥87%	≥87%	≥87%	≥87%
Total load wattage	36W±5%	42W±5%	50W±5%	60W±5%
Power Factor	0.9			
Rated Input Current	≤0.22A	≤0.27A	≤0.32A	≤0.36A
Full load output voltage	DC25-42V	DC25-42V	DC25-42V	DC25-42V
Rated output curent	950mA	1100mA	1300mA	1550mA
Output current range	950mA±5%	1100mA±5%	1300mA±5%	1550mA±5%
Power tolerance	±5%			
Current output tolerance	±5%			
Dimming Range	0%~100%			
Short circuit protection	PASS			
Over voltage protection	PASS			
Over temperature protection	PASS			
THD	≤20% @ 230VAC			
Surge	L-N: 1KV / L,N-PE: 2KV			
Withstand voltage	AC3750			

Driver Datasheet (Emergency)

Power	3W
Rated Input Voltage(V)	AC230V
Frequency	50/60Hz
Input Voltage	AC200-240V
Total load wattage	3W±0.5W
Rated Input Current	≤0.023A
Battery	7.4V 2200mAh
Lifetime	30000hrs(battery changeable)
Battery duration	≥3hrs
Charge Period	≥24hrs
Emergency switching time	≤ 1S

Wiring Diagram:



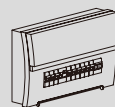
Cable connection

Mark	Description	Building wiring cable
L	Switched Active	Switch cable
L'	Unswitched Active	Unswitch cable
	Earth	Earth cable
N	Neutral	Neutral cable

Installation Procedure

WARNING ⚡

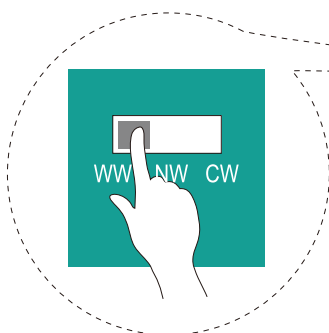
1. Switch off before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



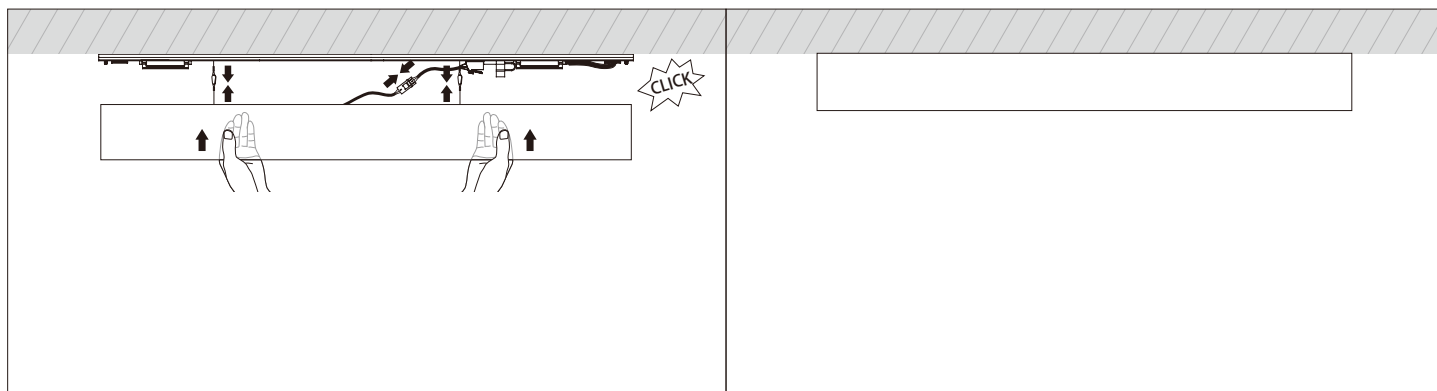
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

■ Installation:

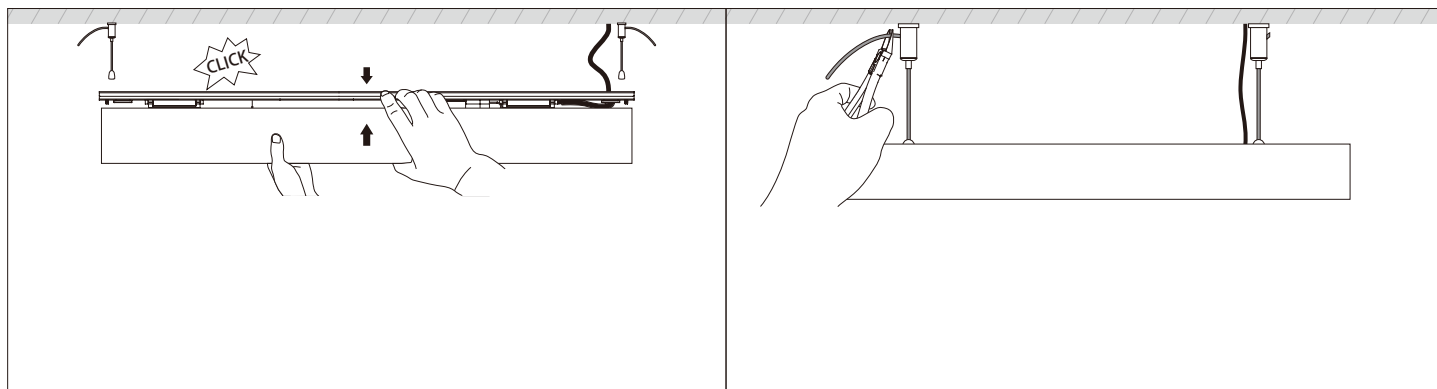
For the product with slide switch of CCT selection, please select the CCT (WW/NW/CW) before installation.



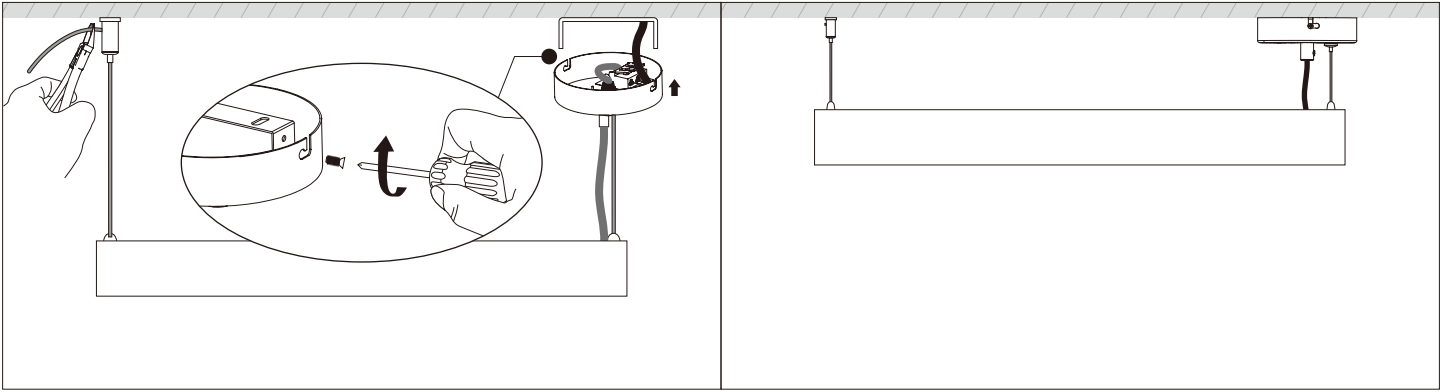
■ Surface mounted installation



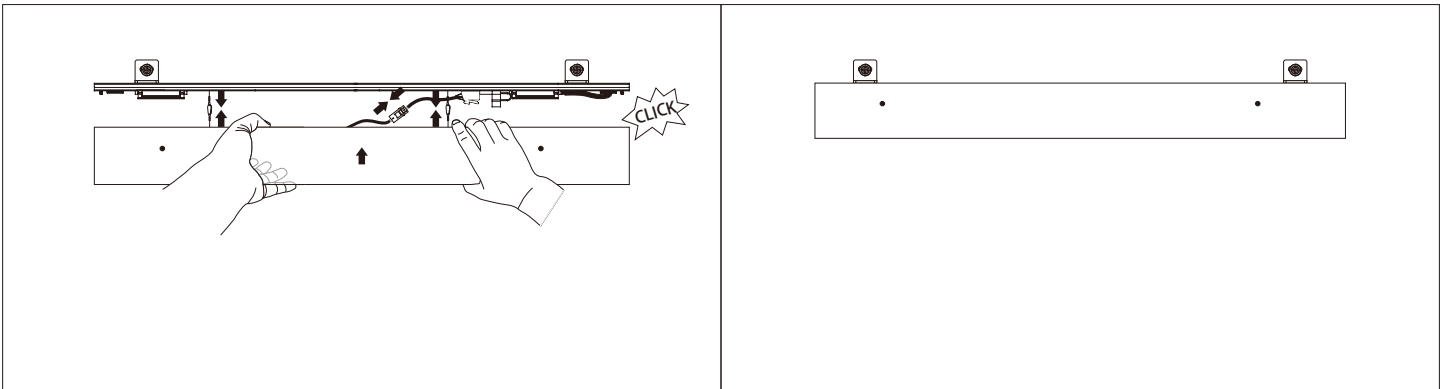
■ Suspended installation (Without round ceiling plate)



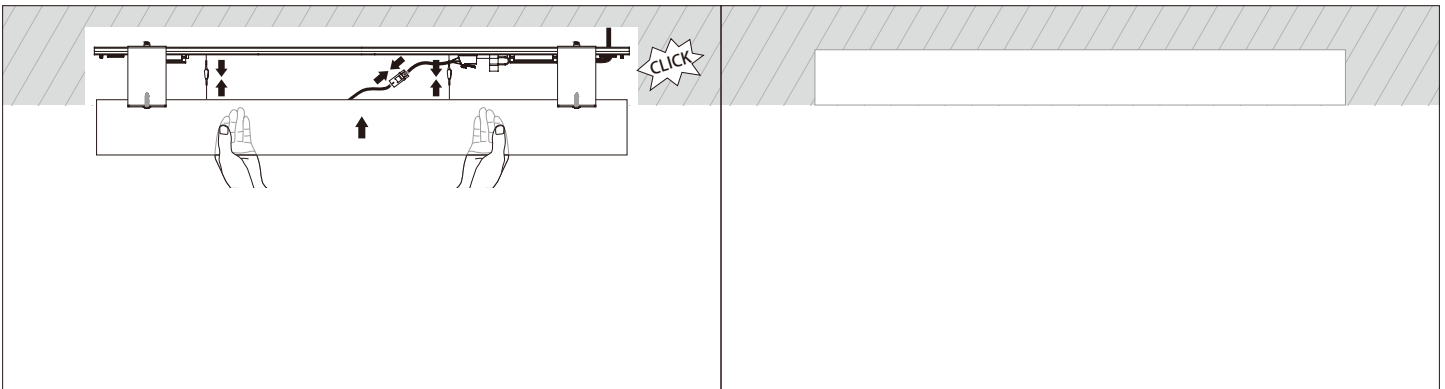
■ Suspended installation (With round ceiling plate)



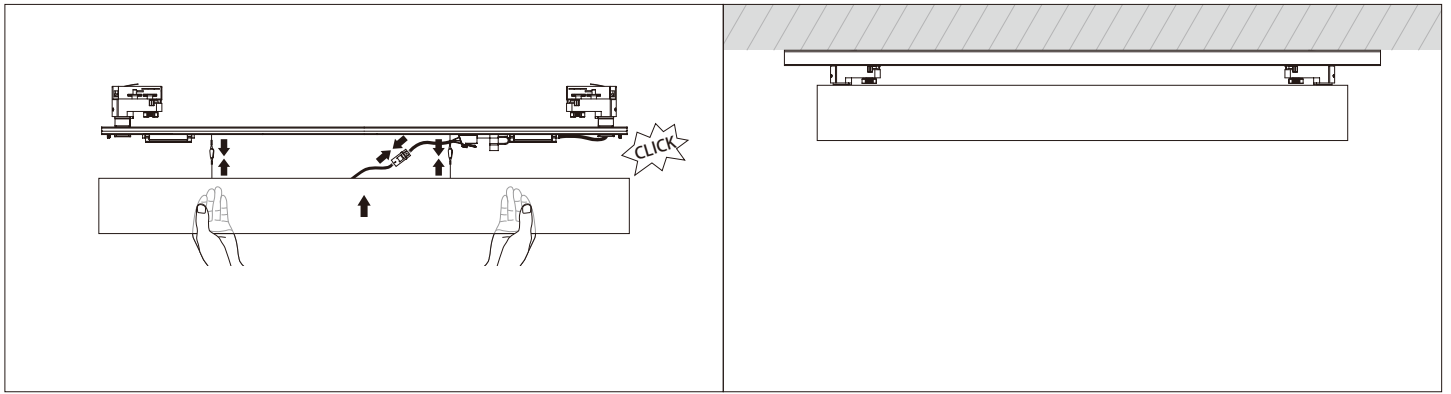
■ Wall mounted installation



■ Recessed installation



Track installation



Multi-connection Installation

