

# BASIL COB / FLIP CHIP S E R I E S



The Basil COB Series is engineered to deliver exceptional brightness, unmatched durability, and seamless visuals that captivate and engage, ensuring high-quality performance in any environment.



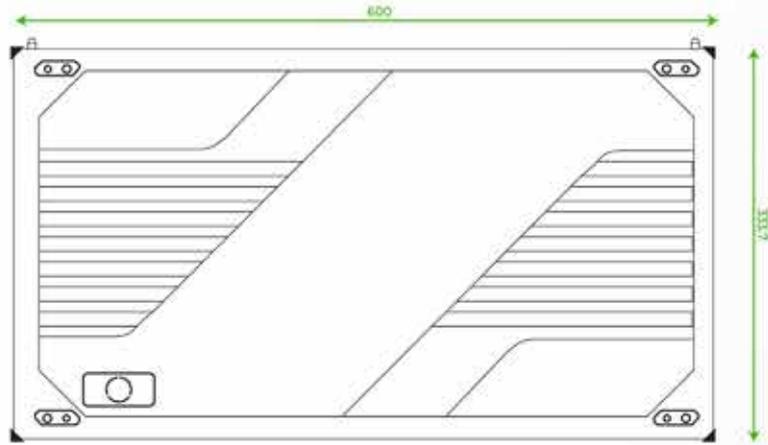
# Product Specifications

Parameter		COB0.7	COB0.9	COB1.2	COB1.5	COB1.8
Physical Parameter	LED Type	Flip RGB				
	Panel Dimensions (WxHxD)/(mm)	600x333.7x39.3				
	Pixel Pitch (mm)	0.78	0.93	1.25	1.56	1.87
	Panel Material	Die Casting Aluminium				
	Pixel Per Panel	768x432	640x360	480x270	384x216	320x180
	Module Dimensions (WxH)/(mm)	150x168.75				
	Panel Weight (Kg)	4.3				
Optoelectronic Parameter	Gray scale (bit)	20bit (Internal processing)	19bit (Internal processing)	20bit (Internal processing)	19bit (Internal processing)	19bit (Internal processing)
	Brightness (nit)	800-1000 nits				
	Color Temperature (K)	6500 K ( 2300 ~ 9300 Adjustable ) or better				
	Viewing Angle (H/V) (°)	160/160				
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	390/130	331/110	301/100	336/112	290/97
	Contrast Ratio	10000:1, 15000 : 1, 20000:1				
	Driving Type	1/48	1/54	1/60	1/54	1/40
	AC Operating Voltage (V)	100~240				
	Refresh Rate (Hz)	3840				
Application Parameter	Storage Temperature (°C)	-40~+60				
	IP Rating (Front/Rear)	IP40/IP21				
	PSU & Others Maintenance	Front				
	Operating Humidity (RH)	10%~90%				
	Operating Temperature (°C)	-10~+40				
	LED Lifetime (H)	100000 (Hours) or more				
	Module Maintenance	Front				
	Storage Humidity (RH)	10%~85%				
	Panel Installation Type	Stacking/Wall Mounting/Hanging				
	Certificate	CE/FCC/ETL/UKCA				

### 1.3 Cabinet dimension figure(mm)



Side



Back



### 1.4 Module dimension figure(mm)

The module size is 150 x 168.75mm  
each panel has 8 modules.

## 2. Product Components

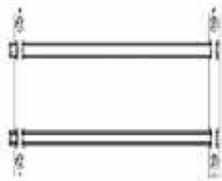
### 2.1 Cabinet Introduction



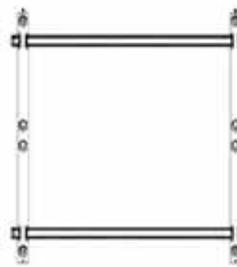
## 2.2 Product Component Drawing

### 2.2.1 Mounting Frame:

Designed for wall-mounted installations, available in both single-frame and double-frame configurations to ensure stability and easy setup.



1X1 Single frame



1X2 Double frame

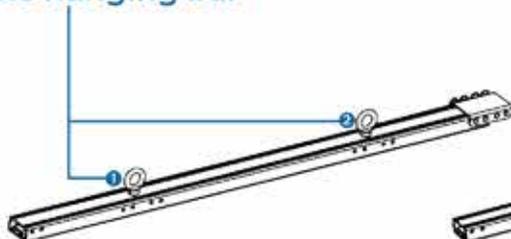


Screw

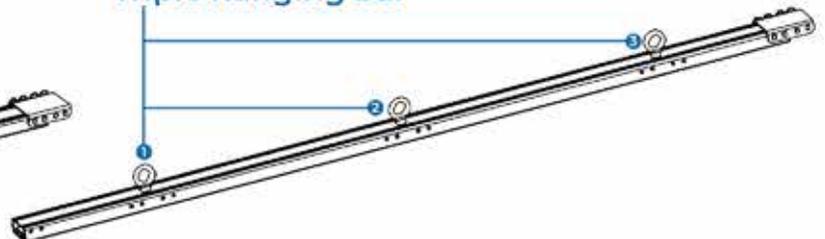
### 2.2.2 Hanging Bar

Used for suspension installations. Available in both double-frame and triple-frame options, ensuring secure and flexible mounting solutions.

#### Double hanging bar



#### Triple hanging bar





### 2.2.3 Connector Plates and Bolts:

Used for installations on steel structures, providing strong and reliable connections for secure mounting.

**Fixed connecting plate**



**Cabinet connecting plate**



### 2.2.4 Data Jumper:

Used for vertical connections between cabinets (standard version), ensuring stable and efficient data transmission.

**300mm long.**

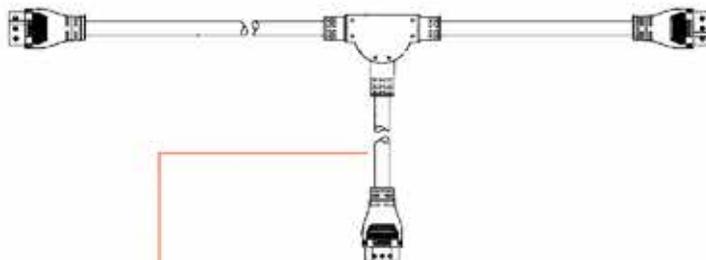


### 2.2.5 Power cable

**Specification: 3x2.5mm<sup>2</sup>, 10m**



**Specification: 3x2.5mm<sup>2</sup>, 0.9m, Used for adjacent column panel connections.**

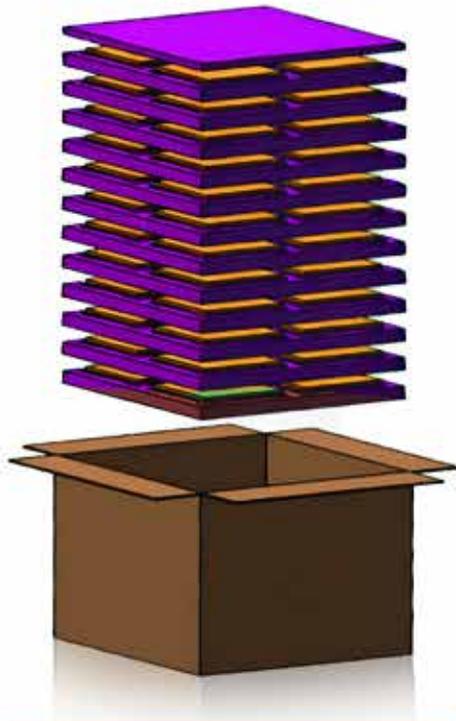


**Note: May Vary According to Requirements**

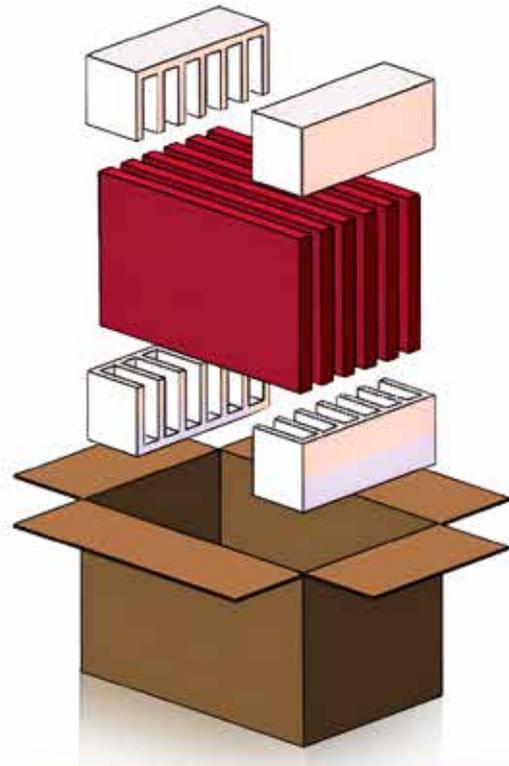


### 2.2.6 Module and Panel Packaging:

Modules are packaged separately from panels. Each module carton contains 48 modules, while each panel carton contains 6 panels.



Module 48 -in -1 carton packaging



Panel frame 6 -in -1 carton packaging