

H25-F

LED Flexible Panel



Features

- High efficacy 2016 LED
- Flexible printed circuits board for excellent flexibility
- 175° wide beam angle ensure the uniform lighting in min quantity LED
- Constant current 12 VDC system
- Quick connector & soldering spot for easy connection
- Self-adhesive backside for easy and reliable mounting
- Minimum cuttable size in 6*6cm

Application

Ideal for lightbox of depth from 2.5cm to 5cm.

Installation

3M self adhesive tape on the back or screw-fixed.

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Specifications

Model No.	H25-F-30	H25-F-60
Color Temperature (K)	2900-6500K	
Beam Angle	175°	
Luminous Flux(Lm/pcs)	680-860	1360-1710
Ra	82	
Efficacy(Lm/W)	73.5	73
Voltage(V)	12	
Current(mA/pcs)	960	1920
Power(W/pcs)	11.52	23.04
Max Run Single Line (pcs)	6	3
Ingress Protection	IP22	
Working Temperature	-25~+60°C	
Storage Temperature	-25~+70°C	
Color	White	
LED Package	SMD2016	

NOTE:

Test environment temperature : 25±2°C

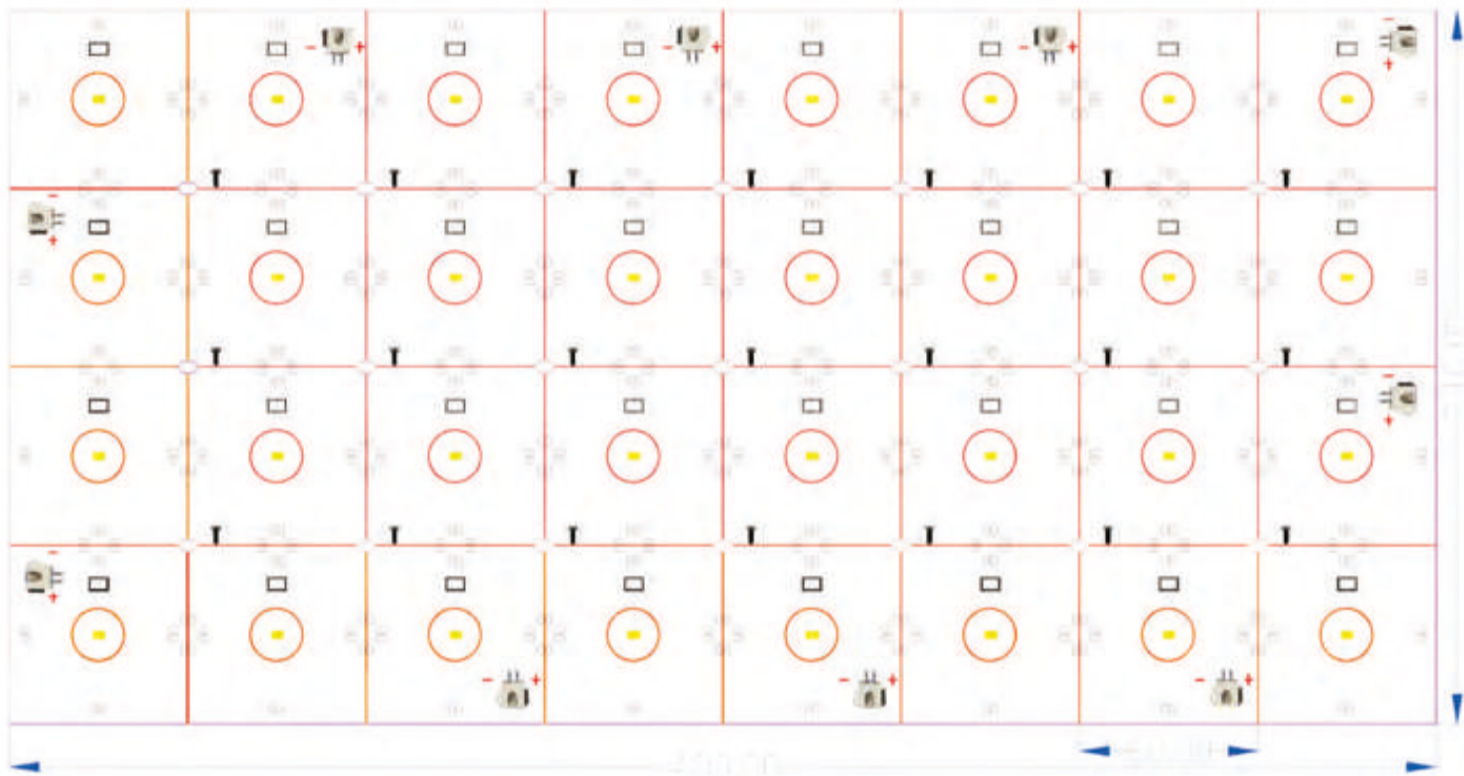
The above data is typical values. The actual data of each single product may differ from the typical values. The data is subject to change without notice.

Different color temperature will make luminous flux different..

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Profile drawings

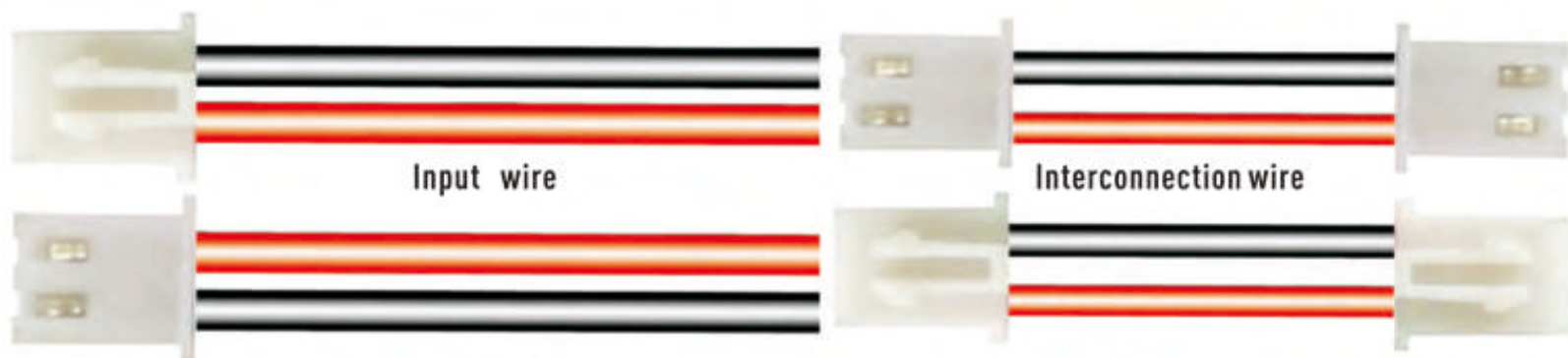
Unit:mm[in]



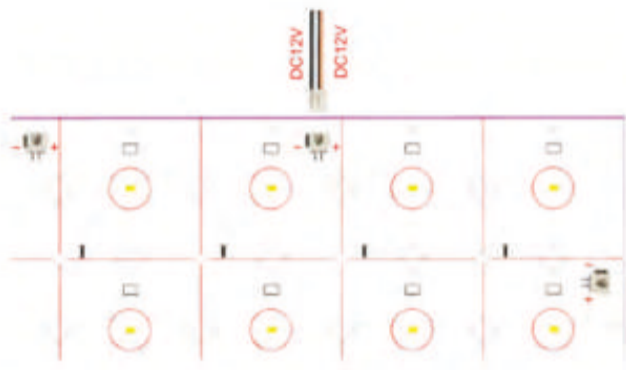
Model No.	Length(L)	Width(W)	Thickness(T)	Pitch(P)	Leds/PC
H25	480	240	8	60	32

* Every single LED can be cut vertically and horizontally.

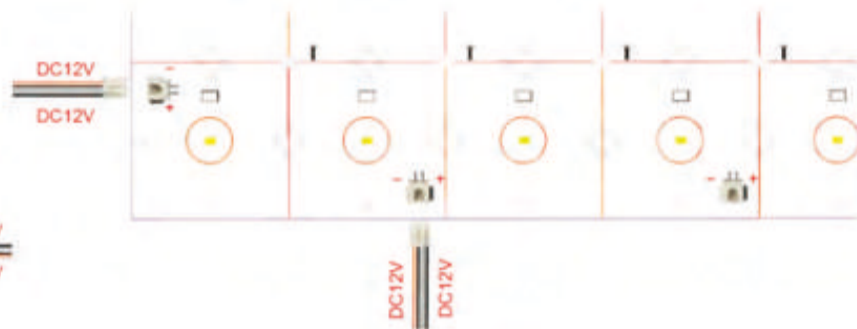
Connection



Input Wire Connection



(Figure 1)



(Figure 2)

NOTE:

When connect input wire with the panel on the up and right side, make sure the direction of red wire to the positive, and black wire to the negative, showing as Figure 1; while connect input wire on the down and left side, and then the red wire to the negative, and the black wire to the positive, showing as Figure 2.

Interconnection Wire Connection



(Figure 3)

NOTE:

Be sure the alignment is in the same direction shown as Figure 3. The terminals on each panel are interval placed for easy connection. Do not reverse the direction of the panel.

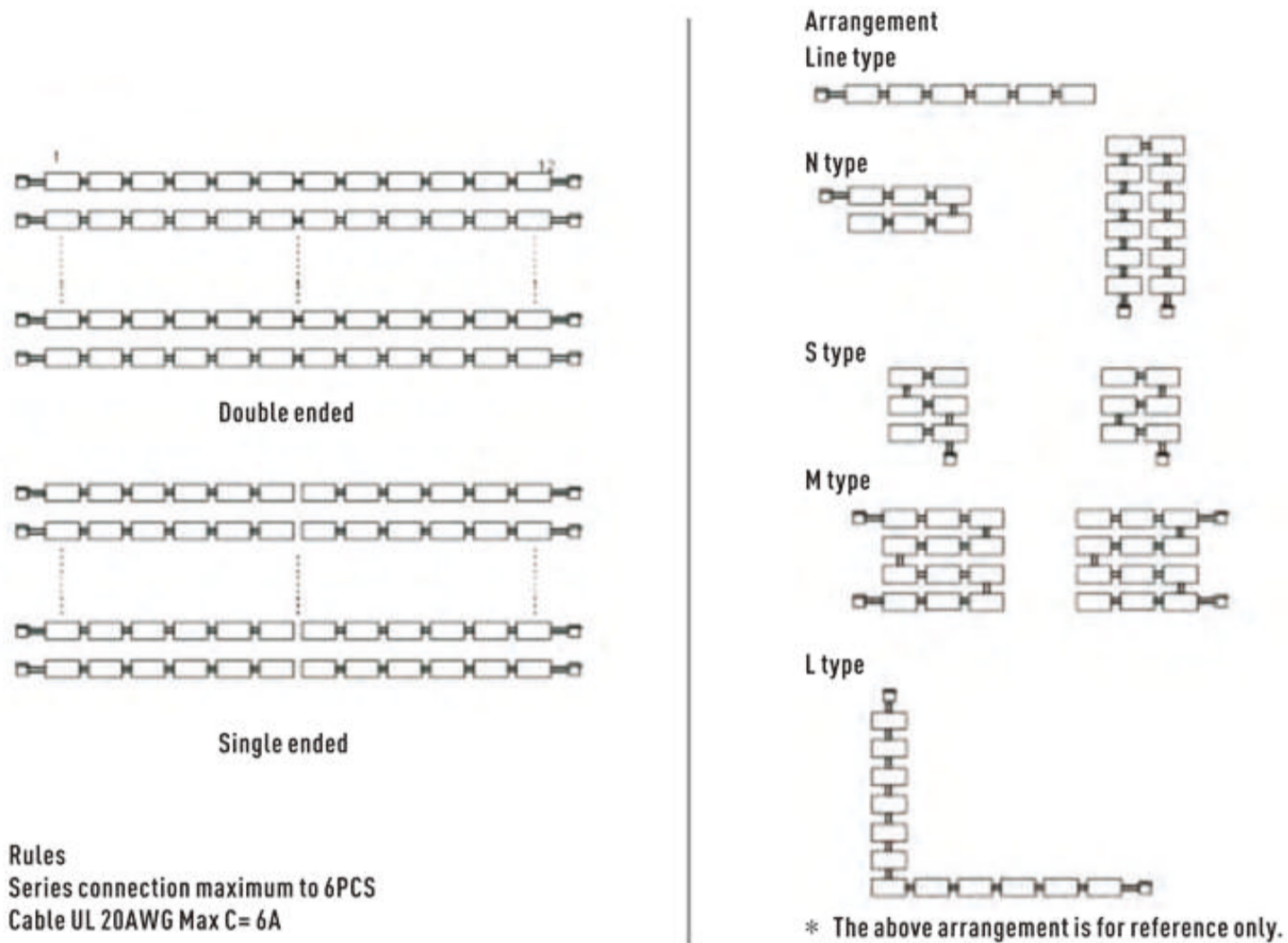
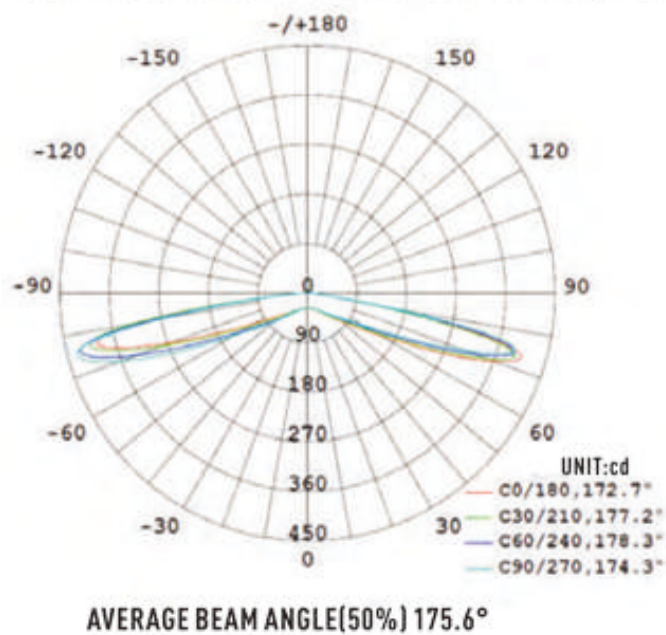


Figure 4: Series connection (single line, 30mA)

Note: The max current is 6A, so every 12PCS LED panels need an extra power supply in one set of wire connection. As two set of wires connection, max run is 10PCS in single ended, 20PCS in double ended, or every 20PCS LED panels with an extra power supply.

Luminous Intensity Distribution Diagram



The C.I.E. 1931 Chromaticity Diagram C.I.E 1931

