

Reachlight Optoelectronic Limited

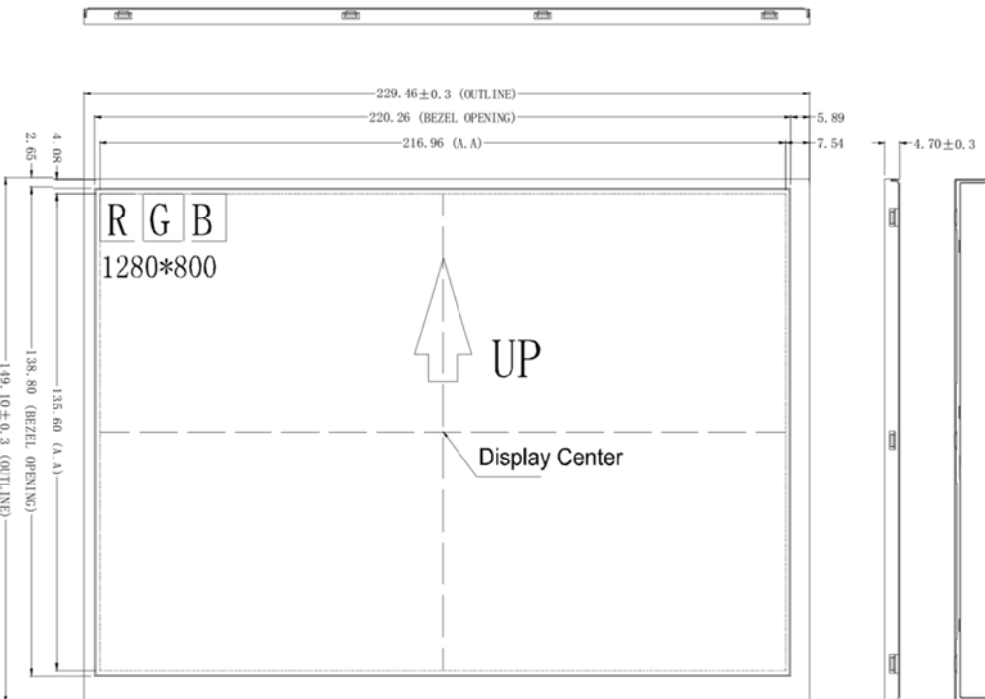
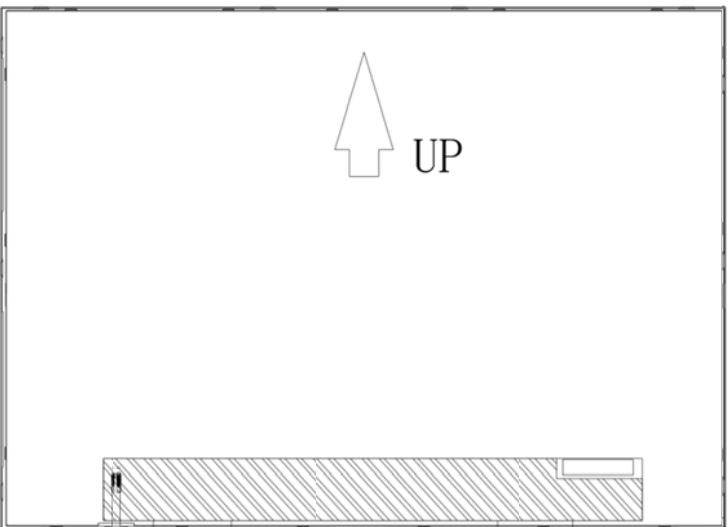
1. General Specifications

*The 10.1inch is a TFT-LCD module. It is composed of a TFT-LCD panel, driver IC, FPC, a back light unit. This display area contains 1280*800 pixels and can display up to 16.7M colors. This product accords with ROHS environmental criterion.*


Item	Contents	Unit	Note
LCD Type	TFT	-	
Display color	16.7M		
Viewing Direction	ALL	O'Clock	
Operating temperature	-10~+60	°C	
Storage temperature	-20~+70	°C	
Module size	229.46×149.10×4.70	mm	
Active Area(W×H)	216.96×135.6	mm	
Number of Dots	1280×800	dots	
Display Controller	-	-	
Power Supply Voltage	3.3	V	
Backlight	36	pcs	
Display Interface	LVDS	-	

Reachlight Optoelectronic Limited

2. Outline Drawing



1	NC
2	VDDIN
3	VDDIN
4	VDDIN
5	NC
6	GND
7	GND
8	RIN0-
9	RIN0+
10	GND
11	RIN1-
12	RIN1+
13	GND
14	RIN2-
15	RIN2+
16	GND
17	LVDS_CLK-
18	LVDS_CLK+
19	GND
20	RIN3-
21	RIN3+
22	GND
23	NC
24	NC
25	GND
26	NC
27	NC
28	GND
29	NC
30	NC
31	LED-
32	LED-
33	LED-
34	NC
35	NC
36	NC
37	NC
38	LED+
39	LED+
40	LED+

Article NO.	RL101IPSV02
	Reachlight Optoelectronic Limited

Reachlight Optoelectronic Limited

3. Optical Characteristics

Item	Symbol	Condition	Min.	Typ.	Ma x.	Unit	Note
Brightness	Bp	$\theta=0^\circ$ $\Phi=0^\circ$	800	1000	-	Cd/m ²	
Uniformity	Δ Bp		70	-	-	%	
Viewing Angle	3:00	Cr \geq 10	70	80	-	Deg	
	6:00		70	80	-		
	9:00		70	80	-		
	12:00		70	80	-		
Contrast Ratio	Cr	$\theta=0^\circ$ $\Phi=0^\circ$	600	800	-	-	
Response Time	T _r +T _f		-	25	-	ms ms	
Color of CIE Coordinate	W	x	$\theta=0^\circ$ $\Phi=0^\circ$	Typ- 0.03	Typ+0.0 3	-	
		y				-	
	R	x				-	
		y				-	
	G	x				-	
		y				-	
	B	x				-	
		y				-	
NTSC Ratio	S	-	-	-	%		

Note : The parameter is slightly changed by temperature, driving voltage and materiel