

Date: July 12th, 2013

**TO :** To whom it may Concern

**FM :** H, Shindo, General Manager

Sales Division  
NLT Technologies, Ltd.

**RN :** NLT-SA-0161

**RE :** Advanced Phase-out Notification for TFT-LCD products with CCFL backlight

**This is an advanced phase-out notification for TFT-LCD products, listed in the appendixes.**

There exist LCD Modules in our product line-up which contain CCFL (Cold Cathode Fluorescent Lamp) backlight.

However, the circumstance surrounding CCFL has been changing significantly, such as environmental conservation activities including European RoHS directive, and also the trend to LED backlight for LCD televisions that causes the demand decline of CCFL.

In order to respond to such current situation, we have decided to phase out all CCFL backlight LCD module products listed in the appendixes. We believe that this decision is putting us as well as our customers in the position to be prepared for environmental regulations and market trends.

We kindly ask all of our customers to review all the details carefully and inform your customers of below phase-out procedure as early as possible.

Your kind understanding and cooperation will be highly appreciated.

**1. LCD products for Industry / Monitor "A"**

Advanced Phase-out notification

**2. For your reference: Basic Rules for Phase-out/Discontinuation**

If you have any questions, please e-mail at following address.

[info@nlt-technologies.com](mailto:info@nlt-technologies.com)

Sincerely,



Hiroaki Shindo  
General Manager  
Sales Division  
NLT Technologies, Ltd.

## NLT Technologies, Ltd.

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1. LCD products for Industry / Monitor "A"

## Advanced Phase-out notification

April 1, 2014 : Phase-out Notification  
 March 31, 2015 : Last Time Buy Order  
 September 30, 2015 : Final Delivery for Last Time Buy Order  
 September 30, 2018 : Discontinued

Screen Size (Inches)	Part No.	Recommended Substitute
5.5	NL3224BC35-20	-
	NL3224BC35-20R	-
	NL3224BC35-22 /S1	-
6.5	NL6448BC20-18D /S9	NL6448BC20-35D (LED, Mounting Compatible)
	NL6448BC20-20	NL6448BC20-35C (LED, Mounting Compatible)
7.0	NL4823BC37-05	-
7.2	NL8060BH18-01	-
8.4	NL10276BC16-04D	NL10276BC16-06D (LED, Mounting Compatible)
8.4	NL6448BC26-08D	-
	NL6448BC26-09 /SB	NL6448BC26-26 (LED, Mounting Compatible)
	NL6448BC26-09C /SB	NL6448BC26-26C (LED, Mounting Compatible)
	NL6448BC26-09D	NL6448BC26-26D (LED, Mounting Compatible)
	NL6448BC26-11	NL6448BC26-26 (LED, Mounting Compatible)
	NL6448BC26-15 /S5	NL6448BC26-27 (LED, Mounting Compatible)
8.4	NL6448BC26-25	NL6448BC26-26 (LED, Mounting Compatible)
	NL8060BC21-02 /S7	NL8060BC21-11 (LED, Mounting Compatible)
	NL8060BC21-02N	-
	NL8060BC21-03 /SA	NL8060BC21-11C (LED, Mounting Compatible)
	NL8060BC21-04	-
9.0	NL8060BC21-06 /S5	NL8060BC21-11F (LED, Mounting Compatible)
	NL8060BC21-09	NL8060BC21-11 (LED, Mounting Compatible)
	NL8048BC24-01	NL8048BC24-12 (LED, Mounting Compatible)
10.4	NL8048BC24-04	NL8048BC24-09 (LED, Mounting Compatible)
	NL6448BC33-54 /S7	NL6448BC33-70 (LED)
	NL6448BC33-54K	-
	NL6448BC33-59 /SE	NL6448BC33-70 (LED)
	NL6448BC33-59D /S9	NL6448BC33-70D (LED)
	NL6448BC33-63C /S3	NL6448BC33-71C (LED, Mounting Compatible)
	NL6448BC33-63D /S5	NL6448BC33-71D (LED, Mounting Compatible)
	NL6448BC33-64 /S6	NL6448BC33-70 (LED, Mounting Compatible)
	NL6448BC33-64C /S3	NL6448BC33-70C (LED, Mounting Compatible)
	NL6448BC33-64E	NL6448BC33-70 (LED, Mounting Compatible)
NL6448BC33-64F	NL6448BC33-70F (LED, Mounting Compatible)	
NL6448BC33-64R /S5	NL6448BC33-70 (LED, Mounting Compatible)	

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(Continued)

Screen Size (Inches)	Part No.	Recommended Substitute
10.4	NL6448BC33-74	-
	NL6448BC33-74E	-
	NL6448BC33-74H	-
	NL6448BC33-95D	-
10.4	NL8060BC26-27	-
	NL8060BC26-28	-
	NL8060BC26-28N	-
	NL8060BC26-30C	NL8060BC26-35C (LED, Mounting Compatible)
	NL8060BC26-30D	NL8060BC26-35D (LED, Mounting Compatible)
	NL8060BC26-30G	NL8060BC26-35D (LED, Mounting Compatible)
12.1	NL8060BC31-41C /S3	-
	NL8060BC31-41D /S5	NL8060BC31-47D (LED, Mounting Compatible)
	NL8060BC31-41E	-
	NL8060BC31-42 /S4	NL8060BC31-50F (LED, Side mount)
	NL8060BC31-42D /S3	NL8060BC31-50F (LED, Side mount)
	NL8060BC31-42E	NL8060BC31-50F (LED, Side mount)
	NL8060BC31-42G	NL8060BC31-50F (LED, Side mount)
15	NL10276BC30-32D	NL10276BC30-34D (LED, Mounting Compatible)
	NL10276BC30-33D /SE	NL10276BC30-34D (LED, Mounting Compatible)
	NL10276BC30-33E	NL10276BC30-34D (LED, Mounting Compatible)
	NL10276BC30-38B	NL10276BC30-39 (LED, Mounting Compatible)
15.3	NL12876BC26-25	NL12876BC26-32D (LED, Mounting Compatible)
	NL12876BC26-25A	NL12876BC26-32D (LED, Mounting Compatible)
	NL12876BC26-25B	-
	NL12876BC26-28	-
19	NL128102BC29-10	NL128102AC29-17 (LED)
	NL128102BC29-10C	NL128102AC29-17 (LED)
21.3	NL280210AM15-03	-
	NL280210AM15-03A	-
	NL280210AM15-04A	-

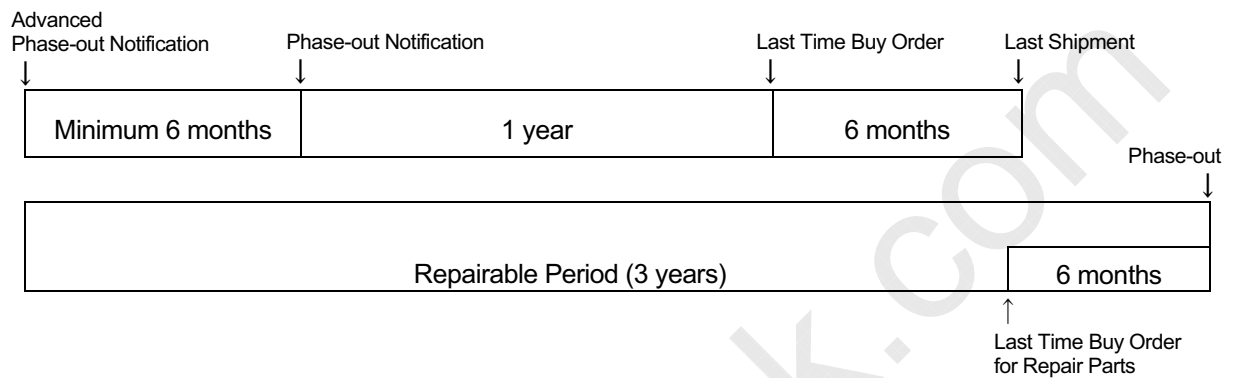
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## 2. For your reference: Basic Rules for Phase-out/Discontinuation

Phase-out/Discontinuation should be taken according to the following procedure:

### Phase-out rule: LCD products for Industry and Monitor “A”

#### (1) Time schedule for Phase-out/ Discontinuation



#### (2) Advanced Phase-out Notification

NLT Technologies issues an “Advanced Phase-out Notification” for Phase-out Product to our customers at least 6 months prior to the “Phase-out Notification”. These products should not be newly designed in.

#### (3) Phase-out Notification

NLT Technologies issues a “Phase-out Notification” for the products which have been informed by “Advanced Phase-out Notification”

#### (4) Last Time Buy Order

Customers are kindly requested to place a “Last Time Buy Order” within 1 year after Phase-out Notification.

#### (5) Repair

- ① “Repair at NLT Technologies’ Expense Period”: NLT Technologies repairs products at NLT Technologies’ expense within 1 year after shipment, if it is NLT Technologies’ responsibility. But, a product will be repaired at a Customer’s expense, even within “Repair at NLT Technologies’ Expense Period”, if it is due to life end for Cold Cathode Fluorescence Lamp and its exchange is necessary.
- ② “Repair at Customer’s Expense Period”: NLT Technologies repairs products at Customer’s expense within 2 years after the “Repair at NLT Technologies’ Expense Period”. But, customers are kindly requested to understand that it could be unable to repair a product in case glass panel failure.
- ③ “Support for Repair Parts”: NLT Technologies will provide repair parts of the products for 3 years after last shipment of the products. Repair Parts shipment takes more than 2 months after purchase order. Customers are requested to place a “Last Time buy Order” for repair parts 6 months before “Phase-out”.