

Engineering Change Notice	Model Name :	Date	June 23, 2009
		REV	1

# Engineering Change Notice

## T-51991GD015-MLW-AIN

OPTREX CORPORATION PM Division

Revision	Date	Approval	Check	Issue	Modification
0	Jun8 2009	T.Okamoto		T.Yuchi	
1	Jun24 2009	T.Okamoto		T.Yuchi	

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## 1. The point of modification

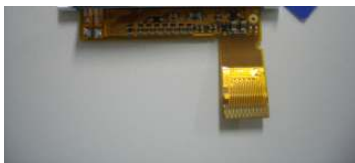
- ① Change the Backlight supplier
- ② Change the FPC supplier

Due to this modification, the part name would be change as follow.

(Previous product) T-51991GD015-MLW-AIN

(New Product) T-51991GD015-MLW-ALN

## 2. Review for the Modification

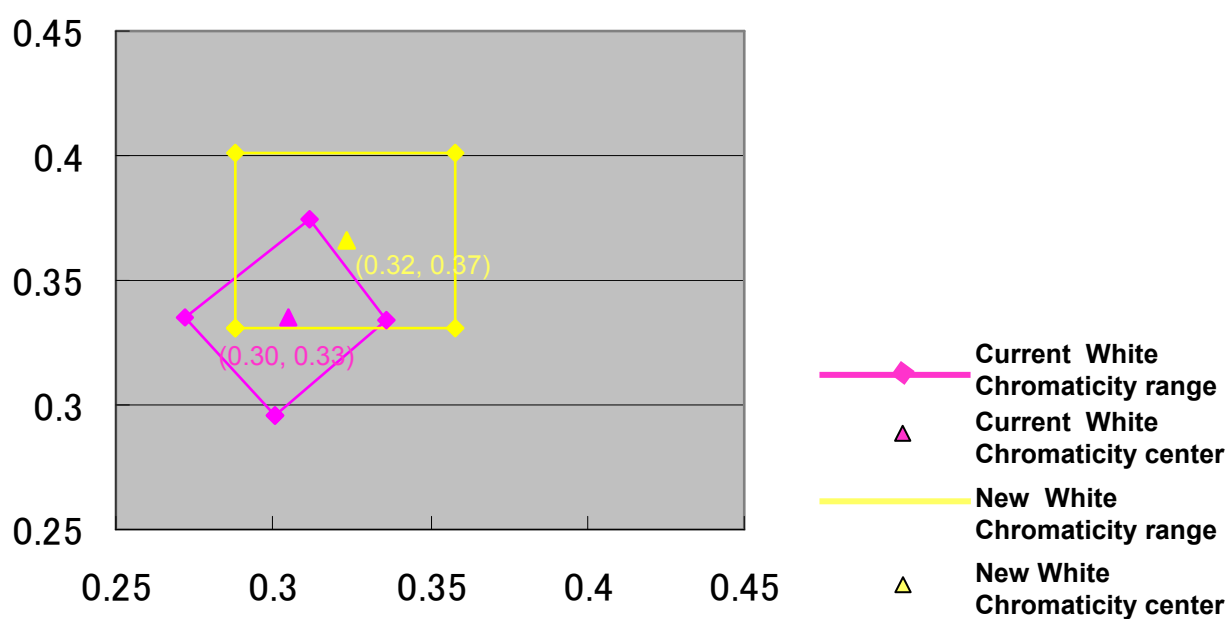
Items	Comment for difference
Viewing angle range	No change at New Product.
Contrast Ratio (Backlight On)	No change at New Product
Brightness (Backlight On)	No change at New Product
Brightness uniformity (Backlight On)	No change at New Product
Color Chromaticity (Backlight On)	See the next page.
Driving condition for Backlight	No change at New Product Forward voltage 6.4V(Typ) (@ IF = 20mA)
FPC	The color was changed. 

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### 3. Color Chromaticity

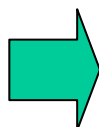
Due to this modification the Color Chromaticity will change at new model.

#### White Chromaticity



#### Change the White Chromaticity range

x	y
0.301	0.296
0.272	0.335
0.312	0.375
0.336	0.334



x	y
0.288	0.331
0.288	0.401
0.358	0.331
0.358	0.401

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## New Color Chromaticity

