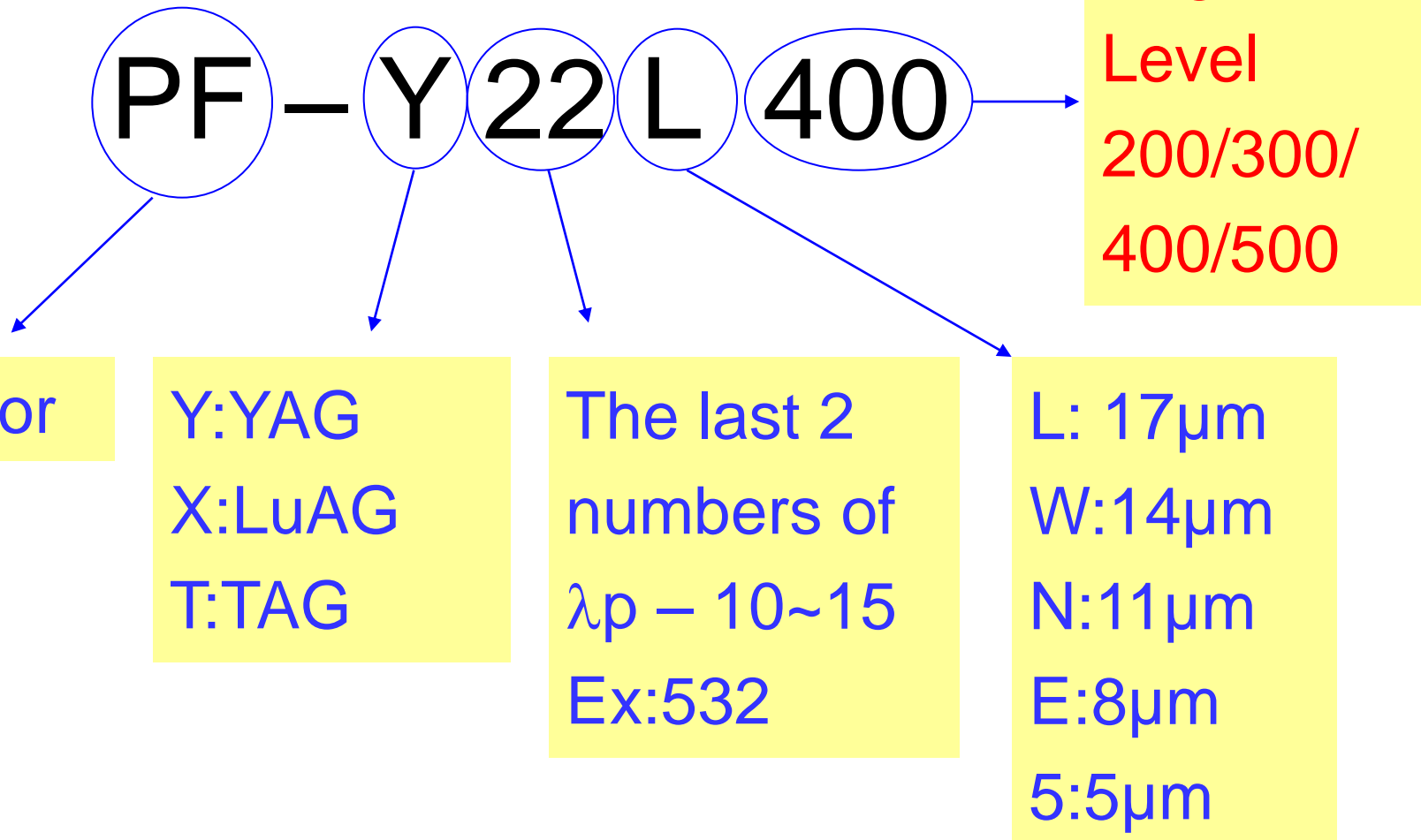




# CHIMEI LED Phosphor Product List

# CHIMEI Phosphor - Naming Rule



# CHIMEI Ga-YAG Phosphor

CHIMEI

Grade	$\lambda_p$ (nm)	CIE-x	CIE-y	Particle Size (d50, $\mu\text{m}$ )	Brightness Level	Blue Chip Wavelength(nm)
PF-Y20	530	0.361	0.578	W:14	200	445~450 $\pm$ 2
PF-Y22	532	0.371	0.575	L:17 N:11	400/500 200/400	445~450 $\pm$ 2
PF-Y26	534	0.376	0.572	W:14 N:11 E:8	200/300/400 - -	445~450 $\pm$ 2
PF-Y27	537	0.385	0.570	N:11	300	450~455 $\pm$ 2
PF-Y28	540	0.396	0.566	W:14	-/300	450~455 $\pm$ 2
PF-Y30	545	0.405	0.562	L:17 W:14 N:11 E:8 5:5	400 - - - -	450~455 $\pm$ 2
PF-Y33	533	0.417	0.555	W:14 E:8	- -	450~455 $\pm$ 2

# CHIMEI Ga-YAG Phosphor

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Grade	$\lambda_p$ (nm)	CIE-x	CIE-y	Particle Size (d50, $\mu\text{m}$ )	Brightness Level	Blue Chip Wavelength(nm)
PF-Y36	536	0.425	0.550	W:14 N:11 E:8 5:5	- - - -	450~455 $\pm$ 2
PF-Y42	554	0.436	0.541	W:14 E:8	- -	455~460 $\pm$ 2
PF-Y44	556	0.443	0.538	L:17 W:14 N:11 E:8 5:5	-/400 -/300 300 - -	455~460 $\pm$ 2
PF-Y45	557	0.448	0.534	L:17 W:14	400 200	455~460 $\pm$ 2
PF-Y46	558	0.453	0.531	W:14 N:11 E:8 5:5	-/200 - - -	455~460 $\pm$ 2

# CHIMEI Ga-YAG Phosphor

CHIMEI

Grade	$\lambda_p$ (nm)	CIE-x	CIE-y	Particle Size (d50, $\mu\text{m}$ )	Brightness Level	Blue Chip Wavelength(nm)
PF-Y60	570	0.486	0.504	W:14 N:11	- -	455~460 $\pm$ 2
PF-Y63	575	0.492	0.499	W:14 E:8	- -	455~460 $\pm$ 2
PF-Y66	578	0.504	0.489	W:14 E:8	- -	455~460 $\pm$ 2

# CHIMEI Lu-YAG Phosphor

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Grade	$\lambda_p$ (nm)	CIE-x	CIE-y	Particle Size (d50, $\mu\text{m}$ )	Brightness Level	Blue Chip Wavelength(nm)
PF-X16	526	0.352	0.584	W:14	200	445~450 $\pm$ 2
PF-X20	530	0.363	0.580	N:11	200	445~450 $\pm$ 2
PF-X22	532	0.368	0.574	5:5	-	445~450 $\pm$ 2
PF-X28	540	0.396	0.566	W:14	300	450~455 $\pm$ 2
PF-X40	553	0.430	0.546	5:5	-	455~460 $\pm$ 2
PF-X44	556	0.443	0.538	W:14	-	455~460 $\pm$ 2
PF-X46	558	0.453	0.531	W:14	-	455~460 $\pm$ 2
PF-X50	560	0.456	0.527	W:14	-	455~460 $\pm$ 2

# CHIMEI TAG Phosphor

CHIMEI

Grade	$\lambda_p$ (nm)	CIE-x	CIE-y	Particle Size (d50, $\mu\text{m}$ )	Brightness Level	Blue Chip Wavelength(nm)
PF-T45	557	0.445	0.535	W:14	-	455~460 $\pm$ 2
PF-T46	558	0.452	0.530	E:8	-	455~460 $\pm$ 2
PF-T48	562	0.462	0.523	5:5	-	455~460 $\pm$ 2
PF-T49	563	0.470	0.517	E:8	-	455~460 $\pm$ 2
PF-T58	568	0.486	0.504	E:8	-	455~460 $\pm$ 2

**Thank You !!!**

**If any inquiry, please contact :  
service@mail.chimei.com.tw**

*bonding your moments*