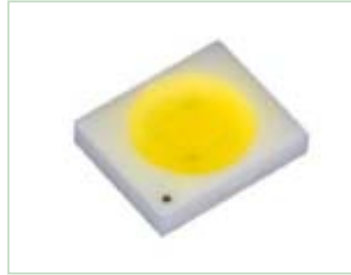


Application Note 1-1

Z-POWER LED series

Binning and Labeling

Z1

**Features**

- Super high flux output and high luminance
- Designed for high current operation
- Low thermal resistance
- SMT solderability
- Lead free product
- RoHS compliant

Applications

- Mobile phone flash
- Automotive interior / Exterior lighting
- Automotive signal lighting
- Automotive forward lighting
- Torch
- Architectural lighting
- Projector light source
- Traffic signals
- Task lighting
- Decorative / Pathway lighting
- Remote / Solar powered lighting
- Household appliances

Z-Power series is designed for high current operation and high flux output applications. Z-Power LED's thermal management perform exceeds other power LED solutions. It incorporates state of the art SMD design and Thermal emission material.

Z Power LED is ideal light sources for general illumination applications, custom designed solutions, automotive large LCD backlights

This application note provides binning and labeling information of Z-Power LED series.

It includes the Z-Power LED bins for luminous flux, wavelength (or x,y coordinates), correlated color temperature (CCT) for white and forward voltage.

Full Code of Z-Power LED Series

Full code form : $X_1 X_2 X_3 X_4 X_5 X_6 - X_7 X_8 - X_9 X_{10} X_{11} X_{12} X_{13}$

1. Part Number

- X_1 : Color
- X_2 : Z-Power LED series number
- X_3 : LENS type
- X_4 : Chip quantity (or Power Dissipation)
- X_5 : Package outline size
- X_6 : Type of PCB





2. Internal Number


- X_7
- X_8

3. Code Labeling

- X_9 : Luminous flux (or Radiant flux for royal blue)
- $X_{10} X_{11} X_{12}$: Dominant wavelength (or x,y coordinates rank code)
- X_{13} : Forward voltage

4. Sticker Diagram on Reel & Aluminum Vinyl Bag

PART NO. : $X_1 X_2 X_3 X_4 X_5 X_6 - X_7 X_8$

 QUANTITY : ###

 LOT NUMBER : #####

 BIN CODE : $X_9 X_{10} X_{11} X_{12} X_{13}$




For more information about binning and labeling, refer to the Application Note -1

Part Number

Part numbers specify color, New Z-Power series, Lens type, P_d, size, PCB type of New Z-Power LED.

- Example: X₁ X₂ X₃ X₄ X₅ X₆ – X₇ X₈ 1)

X ₁	Color
W	Pure White
N	Warm White
S	Natural White*
D	Royal Blue*
B	Blue*
C	Cyan*
G	Green*
A	Amber*
R	Red*

X ₂	Z-Power Series
Z	New Z-Power Series

X ₃	Z-Power Series
1	Z1
2	Z2

X ₄	Lens Type
0	Flat type

Note:

- 1) X₇, X₈ is a internal code number
- 3) *: Not yet available

X₅	Chip Quantity (or Power Dissipation)
1	1 chip (1W)
3	X chip (3.5W)

X₆	Package Outline Size
6	5.8 x 11.3 mm
5	5 x 6 mm

X₇	Metal PCB Type
0	Emitter Only

Code Labeling

1. Luminous Flux Bins

- Luminous flux bin structure for pure white, warm white, blue, cyan, green, amber and red Z-Power.

Bin Code		Luminous Flux [lm]
J		6 ~ 8.5
K		8.5 ~ 11.0
L		11.0 ~ 14.5
M		14.5 ~ 19.0
O		19.0 ~ 24.5
P		24.5 ~ 32.0
Q		32.0 ~ 41.5
R		41.5 ~ 54.0
S	S1	54.0 ~ 60.0
	S2	60.0 ~ 70.0
T	T1	70.0 ~ 80.0
	T2	80.0 ~ 91.0
U	U1	91.0 ~ 100.0
	U2	100.0 ~ 118.5
V		118.5 ~ 154.0
W		154.0 ~ 200.0
X		200.0 ~ 260.0
Y		260.0 ~ 340.0
Z		340.0~440.0
A		440.0~570.0
B		570.0~700.0
C		700.0~800.0
D		800.0~900.0
E		900.0~1100.0

The list explains the photometric luminous flux bins for Z-Power LED. Z-Power LED are tested and binned by photometric luminous flux. Not all bins are available in all colors.

Tolerance : ±10% of Luminous flux value

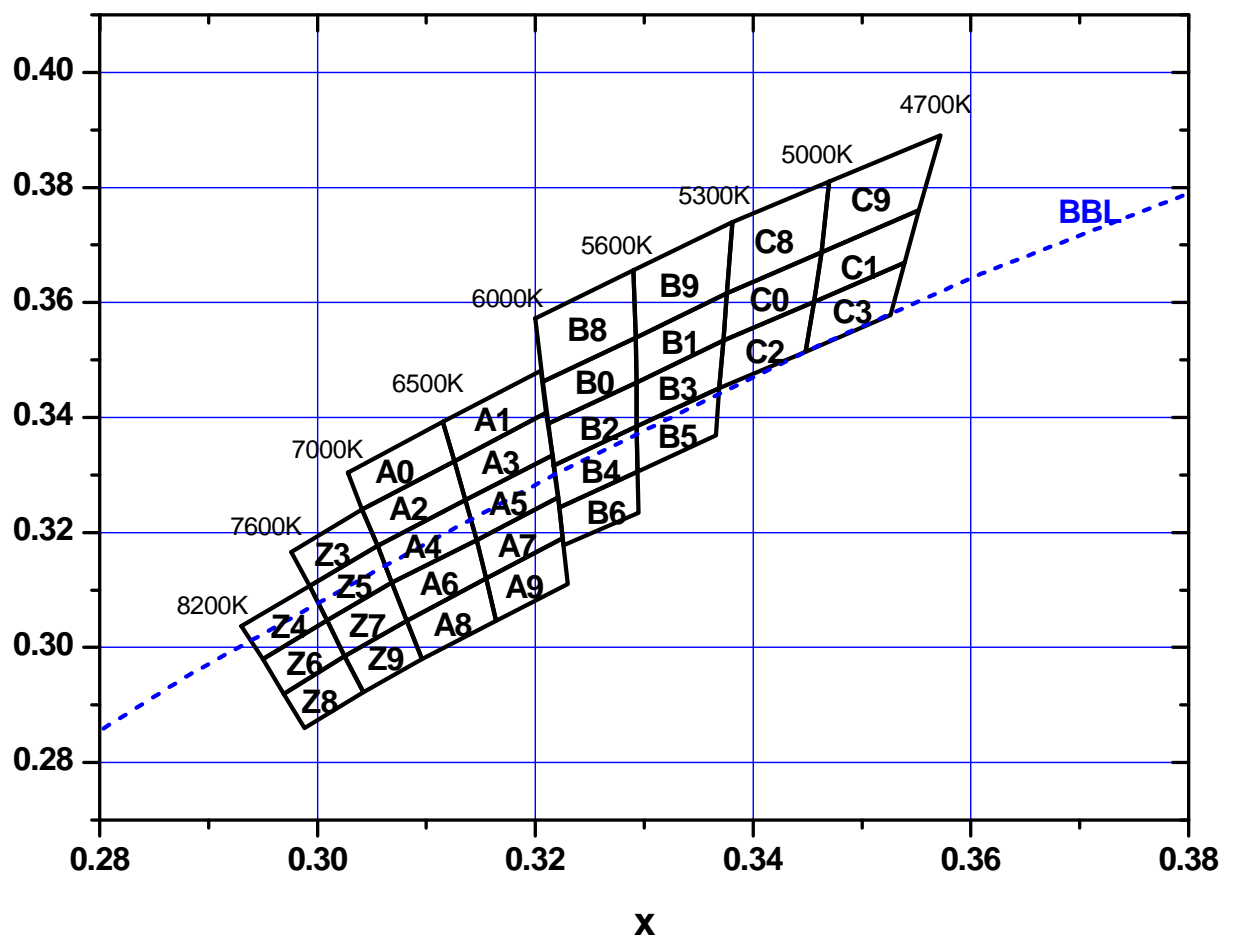
2. Pure White CIE

Pure white product tested and binned by x,y coordinates and CCT

- Pure white bin structure

bin	CIE x	CIE y	bin	CIE x	CIE y	bin	CIE x	CIE y	bin	CIE x	CIE y
Z1	0.2959	0.3227	A0	0.3028	0.3304	B0	0.3207	0.3462	C0	0.3376	0.3616
	0.2976	0.3166		0.3041	0.3240		0.3212	0.3389		0.3373	0.3534
	0.3041	0.3240		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
	0.3028	0.3304		0.3115	0.3393		0.3292	0.3539		0.3463	0.3687
	0.2959	0.3227		0.3028	0.3304		0.3207	0.3462		0.3376	0.3616
Z2	0.2910	0.3093	A1	0.3115	0.3393	B1	0.3292	0.3539	C1	0.3463	0.3687
	0.2930	0.3037		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
	0.2993	0.3107		0.3210	0.3408		0.3373	0.3534		0.3539	0.3669
	0.2976	0.3166		0.3205	0.3481		0.3376	0.3616		0.3552	0.3760
	0.2910	0.3093		0.3115	0.3393		0.3292	0.3539		0.3463	0.3687
Z3	0.2976	0.3166	A2	0.3041	0.3240	B2	0.3212	0.3389	C2	0.3373	0.3534
	0.2993	0.3107		0.3055	0.3177		0.3217	0.3316		0.3369	0.3451
	0.3055	0.3177		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
	0.3041	0.3240		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
	0.2976	0.3166		0.3041	0.3240		0.3212	0.3389		0.3373	0.3534
Z4	0.2930	0.3037	A3	0.3126	0.3324	B3	0.3293	0.3461	C3	0.3456	0.3601
	0.2950	0.2980		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
	0.3009	0.3047		0.3216	0.3334		0.3369	0.3451		0.3526	0.3578
	0.2993	0.3107		0.3210	0.3408		0.3373	0.3534		0.3539	0.3669
	0.2930	0.3037		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
Z5	0.2993	0.3107	A4	0.3055	0.3177	B4	0.3217	0.3316	C4	0.3369	0.3451
	0.3009	0.3047		0.3068	0.3113		0.3222	0.3243		0.3366	0.3369
	0.3068	0.3113		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
	0.3055	0.3177		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
	0.2993	0.3107		0.3055	0.3177		0.3217	0.3316		0.3369	0.3451
Z6	0.2950	0.2980	A5	0.3136	0.3256	B5	0.3293	0.3384	C5	0.3448	0.3514
	0.2969	0.2919		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
	0.3025	0.2985		0.3221	0.3261		0.3366	0.3369		0.3514	0.3487
	0.3009	0.3047		0.3216	0.3334		0.3369	0.3451		0.3526	0.3578
	0.2950	0.2980		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
Z7	0.3009	0.3047	A6	0.3068	0.3113	B6	0.3222	0.3243	C6	0.3366	0.3369
	0.3025	0.2985		0.3082	0.3046		0.3226	0.3178		0.3364	0.3288
	0.3082	0.3046		0.3155	0.3120		0.3295	0.3234		0.3433	0.3345
	0.3068	0.3113		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
	0.3009	0.3047		0.3068	0.3113		0.3222	0.3243		0.3366	0.3369
Z8	0.2969	0.2919	A7	0.3146	0.3187	B7	0.3294	0.3306	C7	0.3440	0.3428
	0.2988	0.2860		0.3155	0.3120		0.3295	0.3234		0.3433	0.3345
	0.3042	0.2922		0.3225	0.3190		0.3364	0.3288		0.3500	0.3400
	0.3025	0.2985		0.3221	0.3261		0.3366	0.3369		0.3514	0.3487
	0.2969	0.2919		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
Z9	0.3025	0.2985	A8	0.3082	0.3046	B8	0.3200	0.3572	C8	0.3381	0.3740
	0.3042	0.2922		0.3096	0.2980		0.3207	0.3462		0.3470	0.3810
	0.3096	0.2980		0.3164	0.3046		0.3292	0.3539		0.3463	0.3687
	0.3082	0.3046		0.3155	0.3120		0.3290	0.3656		0.3376	0.3616
	0.3025	0.2985		0.3082	0.3046		0.3200	0.3572		0.3381	0.3740
Tolerance Color coordinate:±0.005 CCT:±5% of value			A9	0.3155	0.3120	B9	0.3290	0.3656	C9	0.3470	0.3810
				0.3164	0.3046		0.3292	0.3539		0.3463	0.3687
				0.3230	0.3110		0.3376	0.3616		0.3552	0.3760
				0.3225	0.3190		0.3381	0.3740		0.3572	0.3891
				0.3155	0.3120		0.3290	0.3656		0.3470	0.3810

- Pure white binning structure graphical representation

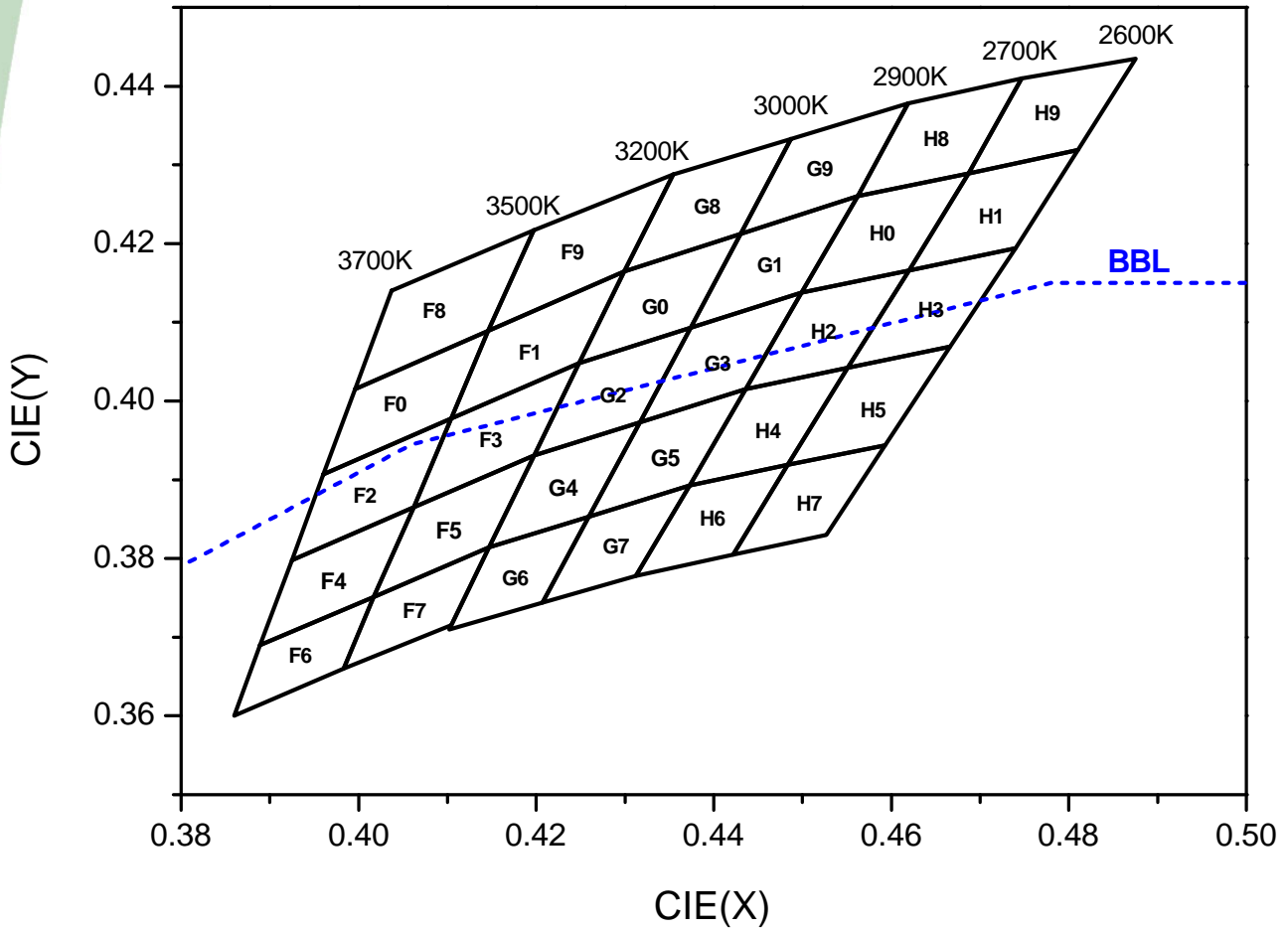


3. Warm White

Warm white product tested and binned by x,y coordinates and CCT
 - Warm white bin structure

bin	CIE x	CIE y	bin	CIE x	CIE y	bin	CIE x	CIE y	bin	CIE x	CIE y
Z1	0.2959	0.3227	A0	0.3028	0.3304	B0	0.3207	0.3462	C0	0.3376	0.3616
	0.2976	0.3166		0.3041	0.3240		0.3212	0.3389		0.3373	0.3534
	0.3041	0.3240		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
	0.3028	0.3304		0.3115	0.3393		0.3292	0.3539		0.3463	0.3687
	0.2959	0.3227		0.3028	0.3304		0.3207	0.3462		0.3376	0.3616
Z2	0.2910	0.3093	A1	0.3115	0.3393	B1	0.3292	0.3539	C1	0.3463	0.3687
	0.2930	0.3037		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
	0.2993	0.3107		0.3210	0.3408		0.3373	0.3534		0.3539	0.3669
	0.2976	0.3166		0.3205	0.3481		0.3376	0.3616		0.3552	0.3760
	0.2910	0.3093		0.3115	0.3393		0.3292	0.3539		0.3463	0.3687
Z3	0.2976	0.3166	A2	0.3041	0.3240	B2	0.3212	0.3389	C2	0.3373	0.3534
	0.2993	0.3107		0.3055	0.3177		0.3217	0.3316		0.3369	0.3451
	0.3055	0.3177		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
	0.3041	0.3240		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
	0.2976	0.3166		0.3041	0.3240		0.3212	0.3389		0.3373	0.3534
Z4	0.2930	0.3037	A3	0.3126	0.3324	B3	0.3293	0.3461	C3	0.3456	0.3601
	0.2950	0.2980		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
	0.3009	0.3047		0.3216	0.3334		0.3369	0.3451		0.3526	0.3578
	0.2993	0.3107		0.3210	0.3408		0.3373	0.3534		0.3539	0.3669
	0.2930	0.3037		0.3126	0.3324		0.3293	0.3461		0.3456	0.3601
Z5	0.2993	0.3107	A4	0.3055	0.3177	B4	0.3217	0.3316	C4	0.3369	0.3451
	0.3009	0.3047		0.3068	0.3113		0.3222	0.3243		0.3366	0.3369
	0.3068	0.3113		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
	0.3055	0.3177		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
	0.2993	0.3107		0.3055	0.3177		0.3217	0.3316		0.3369	0.3451
Z6	0.2950	0.2980	A5	0.3136	0.3256	B5	0.3293	0.3384	C5	0.3448	0.3514
	0.2969	0.2919		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
	0.3025	0.2985		0.3221	0.3261		0.3366	0.3369		0.3514	0.3487
	0.3009	0.3047		0.3216	0.3334		0.3369	0.3451		0.3526	0.3578
	0.2950	0.2980		0.3136	0.3256		0.3293	0.3384		0.3448	0.3514
Z7	0.3009	0.3047	A6	0.3068	0.3113	B6	0.3222	0.3243	C6	0.3366	0.3369
	0.3025	0.2985		0.3082	0.3046		0.3226	0.3178		0.3364	0.3288
	0.3082	0.3046		0.3155	0.3120		0.3295	0.3234		0.3433	0.3345
	0.3068	0.3113		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
	0.3009	0.3047		0.3068	0.3113		0.3222	0.3243		0.3366	0.3369
Z8	0.2969	0.2919	A7	0.3146	0.3187	B7	0.3294	0.3306	C7	0.3440	0.3428
	0.2988	0.2860		0.3155	0.3120		0.3295	0.3234		0.3433	0.3345
	0.3042	0.2922		0.3225	0.3190		0.3364	0.3288		0.3500	0.3400
	0.3025	0.2985		0.3221	0.3261		0.3366	0.3369		0.3514	0.3487
	0.2969	0.2919		0.3146	0.3187		0.3294	0.3306		0.3440	0.3428
Z9	0.3025	0.2985	A8	0.3082	0.3046	B8	0.3200	0.3572	C8	0.3381	0.3740
	0.3042	0.2922		0.3096	0.2980		0.3207	0.3462		0.3470	0.3810
	0.3096	0.2980		0.3164	0.3046		0.3292	0.3539		0.3463	0.3687
	0.3082	0.3046		0.3155	0.3120		0.3290	0.3656		0.3376	0.3616
	0.3025	0.2985		0.3082	0.3046		0.3200	0.3572		0.3381	0.3740
Tolerance			A9	0.3155	0.3120	B9	0.3290	0.3656	C9	0.3470	0.3810
Color coordinate : ± 0.005				0.3164	0.3046		0.3292	0.3539		0.3463	0.3687
CCT : $\pm 5\%$ of value				0.3230	0.3110		0.3376	0.3616		0.3552	0.3760
				0.3225	0.3190		0.3381	0.3740		0.3572	0.3891
				0.3155	0.3120		0.3290	0.3656		0.3470	0.3810

- Warm white binning structure graphical representation



4. Forward Voltage Bins

Bin Code	Forward Voltage [V]
D	2.00 ~ 2.25
E	2.25 ~ 2.50
F	2.50 ~ 2.75
G	2.75 ~ 3.00
H	3.00 ~ 3.25
I	3.25 ~ 3.50
J	3.50 ~ 3.75
K	3.75 ~ 4.00
L	4.00 ~ 4.25
M	4.25 ~ 4.50
N	4.50 ~ 5.00

Tolerance : $\pm 0.06V$

1W Order Code (Z1)

New Z Power LED has an order code, use it as follows to purchase.

- Example: WZ10150 – 1A
 - WZ10150 : Part Number
 - 1A : Order code

You can select PCB type, Lens type and Z-Power LED series number as part number.

1. Pure White (1A,1B)

Standard Order Codes for pure white					
Order Code	LF	CC	V _F	Bin Codes	
Part No. – 1A	U1	A2	I J K L	U1A2I~U1A2L	
		A3		U1A3I~U1A3L	
		A4		U1A4I~U1A4L	
		A5		U1A5I~U1A5L	
		A6		U1A6I~U1A6L	
		A7		U1A7I~U1A7L	
		U2		A2	I J K L
	A3		U2A3I~U2A3L		
	A4		U2A4I~U2A4L		
	A5		U2A5I~U2A5L		
	A6		U2A6I~U2A6L		
	A7		U2A7I~U2A7L		
	Part No. – 1B		U3	A2	
		A3		U3A3I~U3A3L	
A4		U3A4I~U3A4L			
A5		U3A5I~U3A5L			
A6		U3A6I~U3A6L			
A7		U3A7H~U3A7L			
V*		A2		I J K L	VA2I~EA2L
		A3	VA3I~EA3L		
		A4	VA4I~EA4L		
		A5	VA5I~EA5L		
		A6	VA6I~EA6L		
		A7	VA7I~EA7L		

* : Not yet available

1W Order Code (Z1)

1. Pure White (1C,1D)

Standard Order Codes for pure white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1C	U1	A0	I J K L	U1A0I~U1A0L
		A1		U1A1I~U1A1L
		A2		U1A2I~U1A2L
		A3		U1A3I~U1A3L
		A4		U1A4I~U1A4L
		A5		U1A5I~U1A5L
	U2	A0	I J K L	U2A0I~U2A0L
		A1		U2A1I~U2A1L
		A2		U2A2I~U2A2L
		A3		U2A3I~U2A3L
		A4		U2A4I~U2A4L
		A5		U2A5I~U2A5L
Part No. – 1D	U3	A0	I J K L	U3A0I~U3A0L
		A1		U3A1I~U3A1L
		A2		U3A2I~U3A2L
		A3		U3A3I~U3A3L
		A4		U3A4I~U3A4L
		A5		U3A5I~U3A5L
	V*	A0	I J K L	VA0I~VA0L
		A1		VA1I~VA1L
		A2		VA2I~VA2L
		A3		VA3I~VA3L
		A4		VA4I~VA4L
		A5		VA5I~VA5L

* : Not yet available

1W Order Code (Z1)

1. Pure White (1E,1F)

Standard Order Codes for pure white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1E	U1	A4	I J K L	U1A4I – U1A9L
		A5		U1A5I – U1A5L
		A6		U1A6I – U1A6L
		A7		U1A7I – U1A7L
		A8		U1A8I – U1A8L
		A9		U1A9I – U1A9L
	U2	A4	I J K L	U2A4I – U2A4L
		A5		U2A5I – U2A5L
		A6		U2A6I – U2A6L
		A7		U2A7I – U2A7L
		A8		U2A8I – U2A8L
		A9		U2A9I – U2A9L
Part No. – 1F	U3	A4	I J K L	U3A4I – U3A4L
		A5		U3A5I – U3A5L
		A6		U3A6I – U3A6L
		A7		U3A7I – U3A7L
		A8		U3A8I – U3A8L
		A9		U3A9I – U3A9L
	V*	A4	I J K L	VA4I – VA4L
		A5		VA5I – VA5L
		A6		VA6I – VA6L
		A7		VA7I – VA7L
		A8		VA8I – VA8L
		A9		VA9I – VA9L

* : Not yet available

1W Order Code (Z1)

1. Pure White (1G,1H)

Standard Order Codes for pure white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1G	U1	B0	I J K L	U1B0I – U1B0L
		B1		U1B1I – U1B1L
		B2		U1B2I – U1B2L
		B3		U1B3I – U1B3L
		B8		U1B8I – U1B8L
		B9		U1B9I – U1B9L
	U2	B0	I J K L	U2B0I – U2B0L
		B1		U2B1I – U2B1L
		B2		U2B2I – U2B2L
		B3		U2B3I – U2B3L
		B8		U2B8I – U2B8L
		B9		U2B9I – U2B9L
Part No. – 1H	U3	B0	I J K L	U3B0I – U3B0L
		B1		U3B1I – U3B1L
		B2		U3B2I – U3B2L
		B3		U3B3I – U3B3L
		B8		U3B8I – U3B8L
		B9		U3B9I – U3B9L
	V*	B0	I J K L	VB0I – VB0L
		B1		VB1I – VB1L
		B2		VB2I – VB2L
		B3		VB3I – VB3L
		B8		VB8I – VB8L
		B9		VB9I – VB9L

* : Not yet available

1W Order Code (Z1)

1. Pure White (1I,1J)

Standard Order Codes for pure white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1I	U1	B0	I J K L	U1B0I – U1B0L
		B1		U1B1I – U1B1L
		B2		U1B2I – U1B2L
		B3		U1B3I – U1B3L
		B4		U1B4I – U1B4L
		B5		U1B5I – U1B5L
	U2	B0	I J K L	U2B0I – U2B0L
		B1		U2B1I – U2B1L
		B2		U2B2I – U2B2L
		B3		U2B3I – U2B3L
		B4		U2B4I – U2B4L
		B5		U2B5I – U2B5L
Part No. – 1J	U3	B0	I J K L	U3B0I – U3B0L
		B1		U3B1I – U3B1L
		B2		U3B2I – U3B2L
		B3		U3B3I – U3B3L
		B4		U3B4I – U3B4L
		B5		U3B5I – U3B5L
	V*	B0	I J K L	VB0I – VB0L
		B1		VB1I – VB1L
		B2		VB2I – VB2L
		B3		VB3I – VB3L
		B4		VB4I – VB4L
		B5		VB5I – VB5L

* : Not yet available

1W Order Code (Z1)

1. Pure White (1K,1L)

Standard Order Codes for pure white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1K	U1	B2	I J K L	U1B2I – U1B2L
		B3		U1B3I – U1B3L
		B4		U1B4I – U1B4L
		B5		U1B5I – U1B5L
		B6		U1B6I – U1B6L
	U2	B2	I J K L	U2B2I – U2B2L
		B3		U2B3I – U2B3L
		B4		U2B4I – U2B4L
		B5		U2B5I – U2B5L
		B6		U2B6I – U2B6L
Part No. – 1L	U3	B2	I J K L	U3B2I – U3B2L
		B3		U3B3I – U3B3L
		B4		U3B4I – U3B4L
		B5		U3B5I – U3B5L
		B6		U3B6I – U3B6L
	V*	B2	I J K L	VB2I – VB2L
		B3		VB3I – VB3L
		B4		VB4I – VB4L
		B5		VB5I – VB5L
		B6		VB6I – VB6L

* : Not yet available

1W Order Code (Z1)

1. Pure White (1M,1N)

Standard Order Codes for pure white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1M	U1	Z4	I J K L	U1Z4I – U1Z4L
		Z5		U1Z5I – U1Z5L
		Z6		U1Z6I – U1Z6L
		Z7		U1Z7I – U1Z7L
		Z8		U1Z8I – U1Z8L
		Z9		U1Z9I – U1Z9L
	U2	Z4	I J K L	U2Z4I – U2Z4L
		Z5		U2Z5I – U2Z5L
		Z6		U2Z6I – U2Z6L
		Z7		U2Z7I – U2Z7L
		Z8		U2Z8I – U2Z8L
		Z9		U2Z9I – U2Z9L
Part No. – 1N	U3	Z4	I J K L	U3Z4I – U3Z4L
		Z5		U3Z5I – U3Z5L
		Z6		U3Z6I – U3Z6L
		Z7		U3Z7I – U3Z7L
		Z8		U3Z8I – U3Z8L
		Z9		U3Z9I – U3Z9L
	V*	Z4	I J K L	VZ4I – VZ4L
		Z5		VZ5I – VZ5L
		Z6		VZ6I – VZ6L
		Z7		VZ7I – VZ7L
		Z8		VZ8I – VZ8L
		Z9		VZ9I – VZ9L

* : Not yet available

1W Order Code (Z1)

1. Pure White (1,1P)

Standard Order Codes for pure white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 10	U1	Z3	I J K L	U1Z3I – U1Z3L
		Z4		U1Z4I – U1Z4L
		Z5		U1Z5I – U1Z5L
		Z6		U1Z6I – U1Z6L
		Z7		U1Z7I – U1Z7L
	U2	Z3	I J K L	U2Z3I – U2Z3L
		Z4		U2Z4I – U2Z4L
		Z5		U2Z5I – U2Z5L
		Z6		U2Z6I – U2Z6L
		Z7		U2Z7I – U2Z7L
Part No. – 1P	U3	Z3	I J K L	U3Z3I – U3Z3L
		Z4		U3Z4I – U3Z4L
		Z5		U3Z5I – U3Z5L
		Z6		U3Z6I – U3Z6L
		Z7		U3Z7I – U3Z7L
	V*	Z3	I J K L	VZ3I – VZ3L
		Z4		VZ4I – VZ4L
		Z5		VZ5I – VZ5L
		Z6		VZ6I – VZ6L
		Z7		VZ7I – VZ7L

* : Not yet available

1W Order Code (Z1)

1. Pure White (1Q,1R)

Standard Order Codes for pure white					
Order Code	LF	CC	V _F	Bin Codes	
Part No. – 1Q	U1	C0	I J K L	U1C0I – U1C0L	
		C1		U1C1I – U1C1L	
		C2		U1C2I – U1C2L	
		C3		U1C3I – U1C3L	
		C8		U1C8I – U1C8L	
		C9		U1C9I – U1C9L	
	U2	C0	I J K L	U2C0I – U2C0L	
		C1		U2C1I – U2C1L	
		C2		U2C2I – U2C2L	
		C3		U2C3I – U2C3L	
		C8		U2C8I – U2C8L	
		C9		U2C9I – U2C9L	
	Part No. – 1R	U3	C0	I J K L	U3Z4I – U3Z4L
			C1		U3Z5I – U3Z5L
C2			U3Z6I – U3Z6L		
C3			U3Z7I – U3Z7L		
C8			U3Z8I – U3Z8L		
C9			U3Z9I – U3Z9L		
V*		C0	I J K L	VC0I – VC0L	
		C1		VC1I – VC1L	
		C2		VC2I – VC2L	
		C3		VC3I – VC3L	
		C8		VC8I – VC8L	
		C9		VC9I – VC9L	

* : Not yet available

1W Order Code (Z1)

Z Power LED has an order code, use it as follows to purchase.

- Example: NZ10150 – 1A
 - NZ10150 : Part Number
 - 1A : Order code

You can select PCB type, Lens type and Z-Power LED series number as part number.

4. Warm White – NZ10150 (1A,1B)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. - 1A	S2	F0	I J K L	S2F0I~S2F0L
		F1		S2F1H~S2F1K
		F2		S2F2H~S2F2K
		F3		S2F3H~S2F3K
		F8		S2F8H~S2F8K
		F9		S2F9H~S2F9K
	T1	F0	I J K L	T1F0I~T1F0L
		F1		T1F1I~T1F1L
		F2		T1F2I~T1F2L
		F3		T1F3I~T1F3L
		F8		T1F8I~T1F8L
		F9		T1F9I~T1F9L
Part No. - 1B	T2	F0	I J K L	T2F0I~T2F0L
		F1		T2F1I~T2F1L
		F2		T2F2I~T2F2L
		F3		T2F3I~T2F3L
		F8		T2F8I~T2F8L
		F9		T2F9I~T2F9L
	U1*	F0	I J K L	U1F0I~U1F0L
		F1		U1F1I~U1F1L
		F2		U1F2I~U1F2L
		F3		U1F3I~U1F3L
		F8		U1F8I~U1F8L
		F9		U1F9I~U1F9L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1C,1D)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1C	S2	F1	I J K L	S2F1I~S2F1L
		F3		S2F3I~S2F3L
		F9		S2F9I~S2F9L
		G0		S2G0I~S2G0L
		G2		S2G2I~S2G2L
		G8		S2G8I~S2G8L
	T1	F1	I J K L	T1F1I~T1F1L
		F3		T1F3I~T1F3L
		F9		T1F9I~T1F9L
		G0		T1G0I~T1G0L
		G2		T1G2I~T1G2L
		G8		T1G8I~T1G8L
Part No. – 1D	T2	F1	I J K L	T2F1I~T2F1L
		F3		T2F3I~T2F3L
		F9		T2F9I~T2F9L
		G0		T2G0I~T2G0L
		G2		T2G2I~T2G2L
		G8		T2G8I~T2G8L
	U1*	F1	I J K L	U1F1I~U1F1L
		F3		U1F3I~U1F3L
		F9		U1F9I~U1F9L
		G0		U1G0I~U1G0L
		G2		U1G2I~U1G2L
		G8		U1G8I~U1G8L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1E,1F)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1E	S2	G0	I J K L	S2G0I ~ S2G0L
		G1		S2G1I ~ S2G1L
		G2		S2G2I ~ S2G2L
		G3		S2G3I ~ S2G3L
		G8		S2G8I ~ S2G8L
		G9		S2G9I ~ S2G9L
	T1	G0	I J K L	T1G0I ~ T1G0L
		G1		T1G1I ~ T1G1L
		G2		T1G2I ~ T1G2L
		G3		T1G3I ~ T1G3L
		G8		T1G8I ~ T1G8L
		G9		T1G9I ~ T1G9L
Part No. – 1F	T2	G0	I J K L	T2G0I ~ T2G0L
		G1		T2G1I ~ T2G1L
		G2		T2G2I ~ T2G2L
		G3		T2G3I ~ T2G3L
		G8		T2G8I ~ T2G8L
		G9		T2G9I ~ T2G9L
	U1*	G0	I J K L	U1G0I ~ U1G0L
		G1		U1G1I ~ U1G1L
		G2		U1G2I ~ U1G2L
		G3		U1G3I ~ U1G3L
		G8		U1G8I ~ U1G8L
		G9		U1G9I ~ U1G9L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1G,1H)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1G	S2	G1	I J K L	S2G1I ~ S2G1L
		G3		S2G3I ~ S2G3L
		G9		S2G9I ~ S2G9L
		H0		S2H0I ~ S2H0L
		H2		S2H2I ~ S2H2L
		H8		S2H8I ~ S2H8L
	T1	G1	I J K L	T1G1I ~ T1G1L
		G3		T1G3I ~ T1G3L
		G9		T1G9I ~ T1G9L
		H0		T1H0I ~ T1H0L
		H2		T1H2I ~ T1H2L
		H8		T1H8I ~ T1H8L
Part No. – 1H	T2	G1	I J K L	T2G1I ~ T2G1L
		G3		T2G3I ~ T2G3L
		G9		T2G9I ~ T2G9L
		H0		T2H0I ~ T2H0L
		H2		T2H2I ~ T2H2L
		H8		T2H8I ~ T2H8L
	U1*	G1	I J K L	U1G1I ~ U1G1L
		G3		U1G3I ~ U1G3L
		G9		U1G9I ~ U1G9L
		H0		U1H0I ~ U1H0L
		H2		U1H2I ~ U1H2L
		H8		U1H8I ~ U1H8L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1I,1J)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1I	S2	H0	I J K L	S2H0I ~ S2H0L
		H1		S2H1I ~ S2H1L
		H2		S2H2I ~ S2H2L
		H3		S2H3I ~ S2H3L
		H8		S2H8I ~ S2H8L
		H9		S2H9I ~ S2H9L
	T1	H0	I J K L	T1H0I ~ T1H0L
		H1		T1H1I ~ T1H1L
		H2		T1H2I ~ T1H2L
		H3		T1H3I ~ T1H3L
		H8		T1H8I ~ T1H8L
		H9		T1H9I ~ T1H9L
Part No. – 1J	T2	H0	I J K L	T2H0I ~ T2H0L
		H1		T2H1I ~ T2H1L
		H2		T2H2I ~ T2H2L
		H3		T2H3I ~ T2H3L
		H8		T2H8I ~ T2H8L
		H9		T2H9I ~ T2H9L
	U1*	H0	I J K L	U1H0I ~ U1H0L
		H1		U1H1I ~ U1H1L
		H2		U1H2I ~ U1H2L
		H3		U1H3I ~ U1H3L
		H8		U1H8I ~ U1H8L
		H9		U1H9I ~ U1H9L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1K,1L)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1K	S2	F0	I J K L	S2F0I ~ S2F0L
		F1		S2F1I ~ S2F1L
		F2		S2F2I ~ S2F2L
		F3		S2F3I ~ S2F3L
		F4		S2F4I ~ S2F4L
		F5		S2F5I ~ S2F5L
	T1	F0	I J K L	T1F0I ~ T1F0L
		F1		T1F1I ~ T1F1L
		F2		T1F2I ~ T1F2L
		F3		T1F3I ~ T1F3L
		F4		T1F4I ~ T1F4L
		F5		T1F5I ~ T1F5L
Part No. – 1L	T2	F0	I J K L	T2F0I ~ T2F0L
		F1		T2F1I ~ T2F1L
		F2		T2F2I ~ T2F2L
		F3		T2F3I ~ T2F3L
		F4		T2F4I ~ T2F4L
		F5		T2F5I ~ T2F5L
	U1*	F0	I J K L	U1F0I ~ U1F0L
		F1		U1F1I ~ U1F1L
		F2		U1F2I ~ U1F2L
		F3		U1F3I ~ U1F3L
		F4		U1F4I ~ U1F4L
		F5		U1F5I ~ U1F5L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1M,1N)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1M	S2	F1	I J K L	S2F1I~S2F1L
		F3		S2F3I~S2F3L
		F5		S2F5I~S2F5L
		G0		S2G0I~S2G0L
		G2		S2G2I~S2G2L
		G4		S2G4I~S2G4L
	T1	F1	I J K L	T1F1I~T1F1L
		F3		T1F3I~T1F3L
		F5		T1F5I~T1F5L
		G0		T1G0I~T1G0L
		G2		T1G2I~T1G2L
		G4		T1G4I~T1G4L
Part No. – 1N	T2	F1	I J K L	T2F1I~T2F1L
		F3		T2F3I~T2F3L
		F5		T2F5I~T2F5L
		G0		T2G0I~T2G0L
		G2		T2G2I~T2G2L
		G4		T2G4I~T2G4L
	U1*	F1	I J K L	U1F1I~U1F1L
		F3		U1F3I~U1F3L
		F5		U1F5I~U1F5L
		G0		U1G0I~U1G0L
		G2		U1G2I~U1G2L
		G4		U1G4I~U1G4L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (10,1P)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 10	S2	G0	I J K L	S2G0I ~ S2G0L
		G1		S2G1I ~ S2G1L
		G2		S2G2I ~ S2G2L
		G3		S2G3I ~ S2G3L
		G4		S2G4I ~ S2G4L
		G5		S2G5I ~ S2G5L
	T1	G0	I J K L	T1G0I ~ T1G0L
		G1		T1G1I ~ T1G1L
		G2		T1G2I ~ T1G2L
		G3		T1G3I ~ T1G3L
		G4		T1G4I ~ T1G4L
		G5		T1G5I ~ T1G5L
Part No. – 1P	T2	G0	I J K L	T2G0I ~ T2G0L
		G1		T2G1I ~ T2G1L
		G2		T2G2I ~ T2G2L
		G3		T2G3I ~ T2G3L
		G4		T2G4I ~ T2G4L
		G5		T2G5I ~ T2G5L
	U1*	G0	I J K L	U1G0I ~ U1G0L
		G1		U1G1I ~ U1G1L
		G2		U1G2I ~ U1G2L
		G3		U1G3I ~ U1G3L
		G4		U1G4I ~ U1G4L
		G5		U1G5I ~ U1G5L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1Q,1R)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1Q	S2	G1	I J K L	S2G1I ~ S2G1L
		G3		S2G3I ~ S2G3L
		G5		S2G5I ~ S2G5L
		H0		S2H0I ~ S2H0L
		H2		S2H2I ~ S2H2L
		H4		S2H4I ~ S2H4L
	T1	G1	I J K L	T1G1I ~ T1G1L
		G3		T1G3I ~ T1G3L
		G5		T1G5I ~ T1G5L
		H0		T1H0I ~ T1H0L
		H2		T1H2I ~ T1H2L
		H4		T1H4I ~ T1H4L
Part No. – 1R	T2	G1	I J K L	T2G1I ~ T2G1L
		G3		T2G3I ~ T2G3L
		G5		T2G5I ~ T2G5L
		H0		T2H0I ~ T2H0L
		H2		T2H2I ~ T2H2L
		H4		T2H4I ~ T2H4L
	U1*	G1	I J K L	U1G1I ~ U1G1L
		G3		U1G3I ~ U1G3L
		G5		U1G5I ~ U1G5L
		H0		U1H0I ~ U1H0L
		H2		U1H2I ~ U1H2L
		H4		U1H4I ~ U1H4L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1S,1T)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1S	S2	H0	I J K L	S2H0I ~ S2H0L
		H1		S2H1I ~ S2H1L
		H2		S2H2I ~ S2H2L
		H3		S2H3I ~ S2H3L
		H4		S2H4I ~ S2H4L
		H5		S2H5I ~ S2H5L
	T1	H0	I J K L	T1H0I ~ T1H0L
		H1		T1H1I ~ T1H1L
		H2		T1H2I ~ T1H2L
		H3		T1H3I ~ T1H3L
		H4		T1H4I ~ T1H4L
		H5		T1H5I ~ T1H5L
Part No. – 1T	T2	H0	I J K L	T2H0I ~ T2H0L
		H1		T2H1I ~ T2H1L
		H2		T2H2I ~ T2H2L
		H3		T2H3I ~ T2H3L
		H4		T2H4I ~ T2H4L
		H5		T2H5I ~ T2H5L
	U1*	H0	I J K L	U1H0I ~ U1H0L
		H1		U1H1I ~ U1H1L
		H2		U1H2I ~ U1H2L
		H3		U1H3I ~ U1H3L
		H4		U1H4I ~ U1H4L
		H5		U1H5I ~ U1H5L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1U,1V)

Standard Order Codes for Natural white					
Order Code	LF	CC	V _F	Bin Codes	
Part No. – 1U	S2	F2	I J K L	S2F2I~S2F2L	
		F3		S2F3I~S2F3L	
		F4		S2F4I~S2F4L	
		F5		S2F5I~S2F5L	
		F6		S2F6I~S2F6L	
		F7		S2F7I~S2F7L	
		T1		F2	I J K L
	F3		T1F3I~T1F3L		
	F4		T1F4I~T1F4L		
	F5		T1F5I~T1F5L		
	F6		T1F6I~T1F6L		
	F7		T1F7I~T1F7L		
	Part No. – 1V		T2	F2	
		F3		T2F3I~T2F3L	
F4		T2F4I~T2F4L			
F5		T2F5I~T2F5L			
F6		T2F6I~T2F6L			
F7		T2F7I~T2F7L			
U1*		F2		I J K L	U1F2I~U1F2L
		F3	U1F3I~U1F3L		
		F4	U1F4I~U1F4L		
		F5	U1F5I~U1F5L		
		F6	U1F6I~U1F6L		
		F7	U1F7I~U1F7L		

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1W,1X)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1W	S2	F3	I J K L	S2F3I~S2F3L
		F5		S2F5I~S2F5L
		F7		S2F7I~S2F7L
		G2		S2G2I~S2G2L
		G4		S2G4I~S2G4L
		G6		S2G6I~S2G6L
	T1	F3	I J K L	T1F3I~T1F3L
		F5		T1F5I~T1F5L
		F7		T1F7I~T1F7L
		G2		T1G2I~T1G2L
		G4		T1G4I~T1G4L
		G6		T1G6I~T1G6L
Part No. – 1X	T2	F3	I J K L	T2F3I~T2F3L
		F5		T2F5I~T2F5L
		F7		T2F7I~T2F7L
		G2		T2G2I~T2G2L
		G4		T2G4I~T2G4L
		G6		T2G6I~T2G6L
	U1*	F3	I J K L	U1F3I~U1F3L
		F5		U1F5I~U1F5L
		F7		U1F7I~U1F7L
		G2		U1G2I~U1G2L
		G4		U1G4I~U1G4L
		G6		U1G6I~U1G6L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (1Y,1Z)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 1Y	S2	G2	I J K L	S2G2I ~ S2G2L
		G3		S2G3I ~ S2G3L
		G4		S2G4I ~ S2G4L
		G5		S2G5I ~ S2G5L
		G6		S2G6I ~ S2G6L
		G7		S2G7I ~ S2G7L
	T1	G2	I J K L	T1G2I ~ T1G2L
		G3		T1G3I ~ T1G3L
		G4		T1G4I ~ T1G4L
		G5		T1G5I ~ T1G5L
		G6		T1G6I ~ T1G6L
		G7		T1G7I ~ T1G7L
Part No. – 1Z	T2	G2	I J K L	T2G2I ~ T2G2L
		G3		T2G3I ~ T2G3L
		G4		T2G4I ~ T2G4L
		G5		T2G5I ~ T2G5L
		G6		T2G6I ~ T2G6L
		G7		T2G7I ~ T2G7L
	U1*	G2	I J K L	U1G2I ~ U1G2L
		G3		U1F3I ~ U1G3L
		G4		U1G4I ~ U1G4L
		G5		U1G5I ~ U1G5L
		G6		U1G6I ~ U1G6L
		G7		U1G7I ~ U1G7L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (2A,2B)

Standard Order Codes for Natural white				
Order Code	LF	CC	V _F	Bin Codes
Part No. – 2A	S2	G3	I J K L	S2G3I ~ S2G3L
		G5		S2G5I ~ S2G5L
		G7		S2G7I ~ S2G7L
		H2		S2H2I ~ S2H2L
		H4		S2H4I ~ S2H4L
		H6		S2H6I ~ S2H6L
	T1	G3	I J K L	T1G3I ~ T1G3L
		G5		T1G5I ~ T1G5L
		G7		T1G7I ~ T1G7L
		H2		T1H2I ~ T1H2L
		H4		T1H4I ~ T1H4L
		H6		T1H6I ~ T1H6L
Part No. – 2B	T2	G3	I J K L	T2G3I ~ T2G3L
		G5		T2G5I ~ T2G5L
		G7		T2G7I ~ T2G7L
		H2		T2H2I ~ T2H2L
		H4		T2H4I ~ T2H4L
		H6		T2H6I ~ T2H6L
	U1*	G3	I J K L	U1G3I ~ U1G3L
		G5		U1G5I ~ U1G5L
		G7		U1G7I ~ U1G7L
		H2		U1H2I ~ U1H2L
		H4		U1H4I ~ U1H4L
		H6		U1H6I ~ U1H6L

* : Not yet available

1W Order Code (Z1)

4. Warm White – NZ10150 (2C,2D)

Standard Order Codes for Natural white					
Order Code	LF	CC	V _F	Bin Codes	
Part No. – 2C	S2	H2	I J K L	S2H2I ~ S2H2L	
		H3		S2H3I ~ S2H3L	
		H4		S2H4I ~ S2H4L	
		H5		S2H5I ~ S2H5L	
		H6		S2H6I ~ S2H6L	
		H7		S2H7I ~ S2H7L	
		T1		H2	I J K L
	H3		T1H3I ~ T1H3L		
	H4		T1H4I ~ T1H4L		
	H5		T1H5I ~ T1H5L		
	H6		T1H6I ~ T1H6L		
	H7		T1H7I ~ T1H7L		
	Part No. – 2D		T2	H2	
		H3		T2H3I ~ T2H3L	
H4		T2H4I ~ T2H4L			
H5		T2H5I ~ T2H5L			
H6		T2H6I ~ T2H6L			
H7		T2H7I ~ T2H7L			
U1*		H2		I J K L	U1H2I ~ U1H2L
		H3	U1H3I ~ U1H3L		
		H4	U1H4I ~ U1H4L		
		H5	U1H5I ~ U1H5L		
		H6	U1H6I ~ U1H6L		
		H7	U1H7I ~ U1H7L		

* : Not yet available

AMERICA

•Los Angeles

Seoul Semiconductor, Inc. 5856 Corporate Ave.
Suite 240 , Cypress, CA 90630

Office: 714-995-7151

Fax: 678-550-8374

E-mail : karl@seoulsemicon.com

•Detroit

3290 W.Big Beaver Rd. Suite #120 Troy MI.48084

Tel : +1-248-649-5381

Fax : +1-248-649-5541

E-mail charlie@seoulsemicon.com

•New Jersey

275 Hoym St. #3G Fort Lee, NJ 07024

Tel : +1-617-869-6779

Fax : +1-201-585-1711

E-mail : pcj77@seoulsemicon.com

•Atlanta

Tel : +1-210-216-8860

E-mail : tony.kinard@seoulsemicon.com

•Texas

Tel : +1-480-747-0073

E-mail : steve.markey@seoulsemicon.com

EUROPE

•Munich, Germany

Balanstrasse 59 , 81541 Munich Germany
(Seoul Semiconductor Europe GmbH)

Tel : +49-894-503-6900

Fax : +49-894-503-69045

E-mail : nova@seoulsemicon.com

•Frankfurt, Germany

Trakehnerstr. 5 60487 Frankfurt Germany

Tel : +49-697-167-50111

•Fax : +49-697-167-50120

E-mail : dykim@seoulsemicon.com

•Nuernberg, Germany

Am Rathaus 14 90522 Oberasbach Germany

Am Rathaus 14 90522 Oberasbach Germany

Tel : +49-911999-5860

Fax : +49-911999-5865

E-mail : eva@seoulsemicon.com

▪Dusseldorf, Germany

Derendorfer Allee 25, 40476 Dusseldorf, Germany

Tel : +49-211-528-08566

E-mail : andrew@seoulsemicon.com

•Newcastle, U.K.

2 South Road, Alnwick, Northumberland, NE66
2PG

Tel : +44-560-272-4390

E-mail : tony.oram@seoulsemicon.com

▪Copenhagen, Denmark

Havneholm 22, 1TV, 1561 Copenhagen V,
Denmark

Tel : +45-2295-3915

E-mail : bchyun@seoulsemicon.com

▪Rotterdam, Netherlands

Zus Braunstraat 28 3056 AB Rotterdam, The
Netherlands

Tel. : +31-10-251-8668

Fax : +31-102-518-669

E-mail : wim@seoulsemicon.com

•Milan, Italy

Via Bergamo, 39 23807 Merate(LC), Italy

Tel. : +39-039-599-503

Fax. : +39-039-598-4930

E-mail : carlo@seoulsemicon.com

▪Paris, France

ZI de la Fontaine de Jouvence 3, rue Levacher
Cintrat 91460 MARCOUSSIS FRANCE

Tel : +33-1-3954-3693

Fax : +33-1-3954-3693

E-mail : francis@seoulsemicon.com

▪Madrid, Spain

C/Mar Cantabrico 139 288860 Paracuellos del
jarama Madrid-Spain

Tel : +34-91-268-7694

Fax : +34-91-268-7694

E-mail : sergio@seoulsemicon.com

JAPAN

•Tokyo
1-11-15, Shinjuku, Shinjuku-ku, Gyoemmae
Sunrise BLD.3F, Tokyo, 160-0022, Japan
Tel: +81-3-5360-7620~1
Fax : +81-3-5360-7622
E-mail : smyi@seoulsemicon.com

•Nagoya
#203 Brown House 5-11, 1Cho-me, Chiyoda,
Naka-ku, Nagoya-city, 460-0012, Japan
Tel : +81-52-251-1861
Fax : +81-52-784-5888
E-mail : b2yttark@seoulsemicon.com

▪Osaka
#401 NK Tanimachi Bldg.,9-1-22,Tanimachi,Chuo-
ku,Osaka,542-0012,Japan
Tel : +81-6-6191-7620
Fax : +81-6-6191-7622
E-mail : b2yttark@seoulsemicon.com

CHINA

•Shanghai
Rm.A311.No 2633 Yan`an(W) Road.
Shanghai,China
Tel : +86-21-6270-3282
Fax : +86-21-6208-5754
E-mail : Johnsun82@seoulsemicon.com

•Shenzhen
RM.2005.East Block,Coastal City
Building,WenXin5Road,NanShan
District,ShenZhen,China
Tel : +86-755-8279-3773
Fax : +86-755-8204 7531
E-mail : kevin@seoulsemicon.com

•Shenzhen
RM.2005.East Block,Coastal City
Building,WenXin5Road,NanShan
District,ShenZhen,China
Tel : +86-755-8279-3773
Fax : +86-755-8204 7531
E-mail : kevin@seoulsemicon.com

Beijing
Room A-1006, Fairmont
Tower,Wangjing,Chaoyang,Beijing, China
Tel: +86-10-6474-6900
Fax : +86-10-6471-3133
E-mail :beijingsam@seoulsemicon.com

TAIWAN

•Taipei
IIF, No. 868-6. Zhongzherg Rd, zhonghe city,
Taipei 235, Taiwan
Tel : +886-28226-7678
Fax : +886-28226-6211
E-mail : peter@seoulsemicon.com

SINGAPORE

•Singapore
54 Serangoon North Avenue 4 #06-01 (Suit 62),
CyberHub North Singapore 555854
Tel : +65-6853-9593
Fax : +65-6853-9591
E-mail : umsea@seoulsemicon.com

INDIA

•New Delhi
Apeejay Techno Park Bll-41, Mohan Co-op.Indl.
Estate, Mathura Road, New Delhi-110044, India
Tel : +91-98711-55223
Fax : +91-11-2989-3764
E-mail : gopal.shukla@seoulsemicon.com

•Mumbai
#18, Block No 1, Hiranandani Meadows Pokhran
Road No. 2, Thane (W), Mumbai-400601
Tel : +91-98333-94060
E-mail : kuldeep.gupta@seoulsemicon.com

HEAD OFFICE

Seoul Semiconductor Co., Ltd.
148-29, Gasan-dong, Geumcheon-gu, Seoul,
Korea
Tel : +82-2-6913-7516
Fax : +82-2-6915-7776
E-mail : kks@seoulsemicon.com