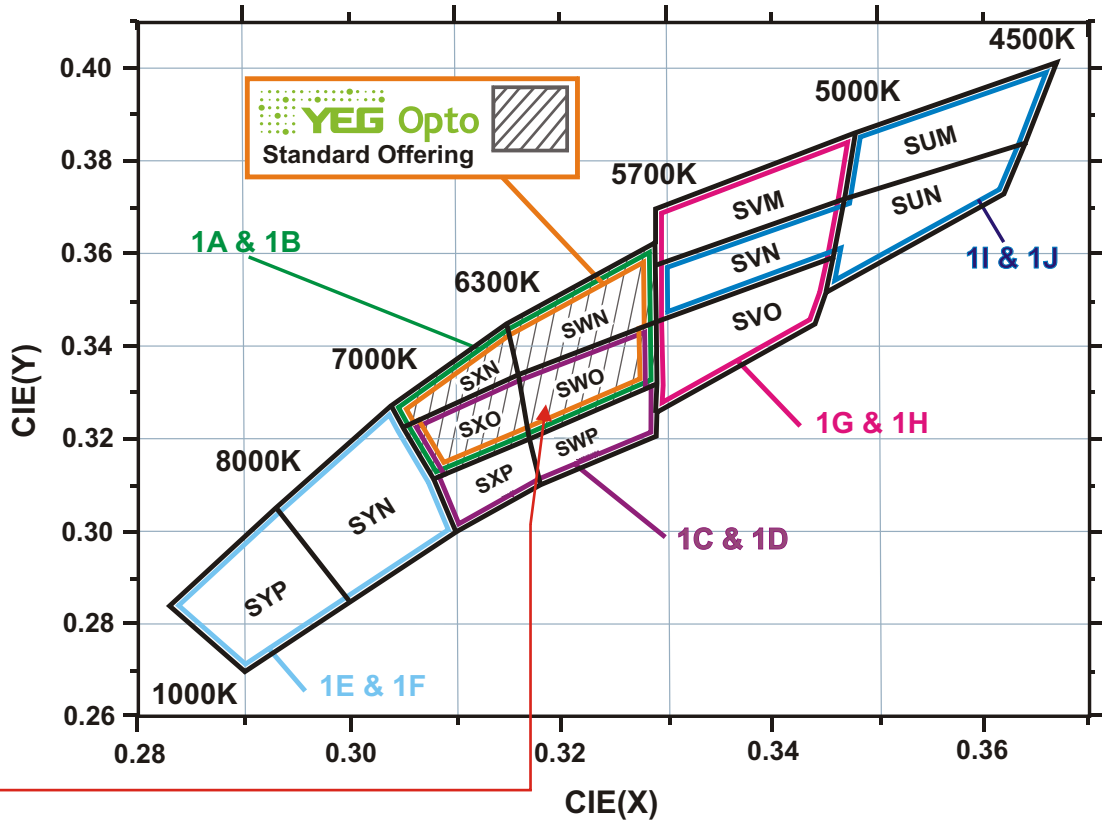
Seoul Semiconductor Ranking and Bin Codes

LUMINOUS FLUX			
Bin Code	Flux Lm	Bin Code	Flux Lm
J	6.0 - 8.5	T1	70.0 - 80.0
K	8.5 - 11.0	T2	80.0 - 91.0
L	11.0 - 14.5	U1	91.0 - 100.0
M	14.5 - 19.0	U2	100.0 - 110.0
O	19.0 - 24.5	V	110.0 - 118.5
P	25.5 - 32.0	V	118.5 - 154.0
Q	32.0 - 41.5	W	154.0 - 200.0
R	41.5 - 54.0	X	200.0 - 260.0
S1	54.0 - 60.0	Y	260.0 - 340.0
S2	60.0 - 70.0		

Ranking / Bin Code: U2 SWO G

Pure white binning structure graphical representation



COLOUR WAVELENGTH (nm)		
Bin Code	Colour	Wavelength
BB1		455 - 460
BB2	Blue	460 - 465
BB3		465 - 470
BB4		470 - 475
GG1		520 -525
GG2	Green	525 - 530
GG3		530 - 535
RR1		618 - 625
RR2	Red	625 - 632

FORWARD VOLTAGE	
Code	Voltage
D	2.00 - 2.25
E	2.25 - 2.50
F	2.50 - 2.75
G	2.75 - 3.0
H	3.00 - 3.25
I	3.25 - 3.50
J	3.50 - 3.75
K	3.75 - 4.0
L	4.00 - 4.25
M	4.25 - 4.50

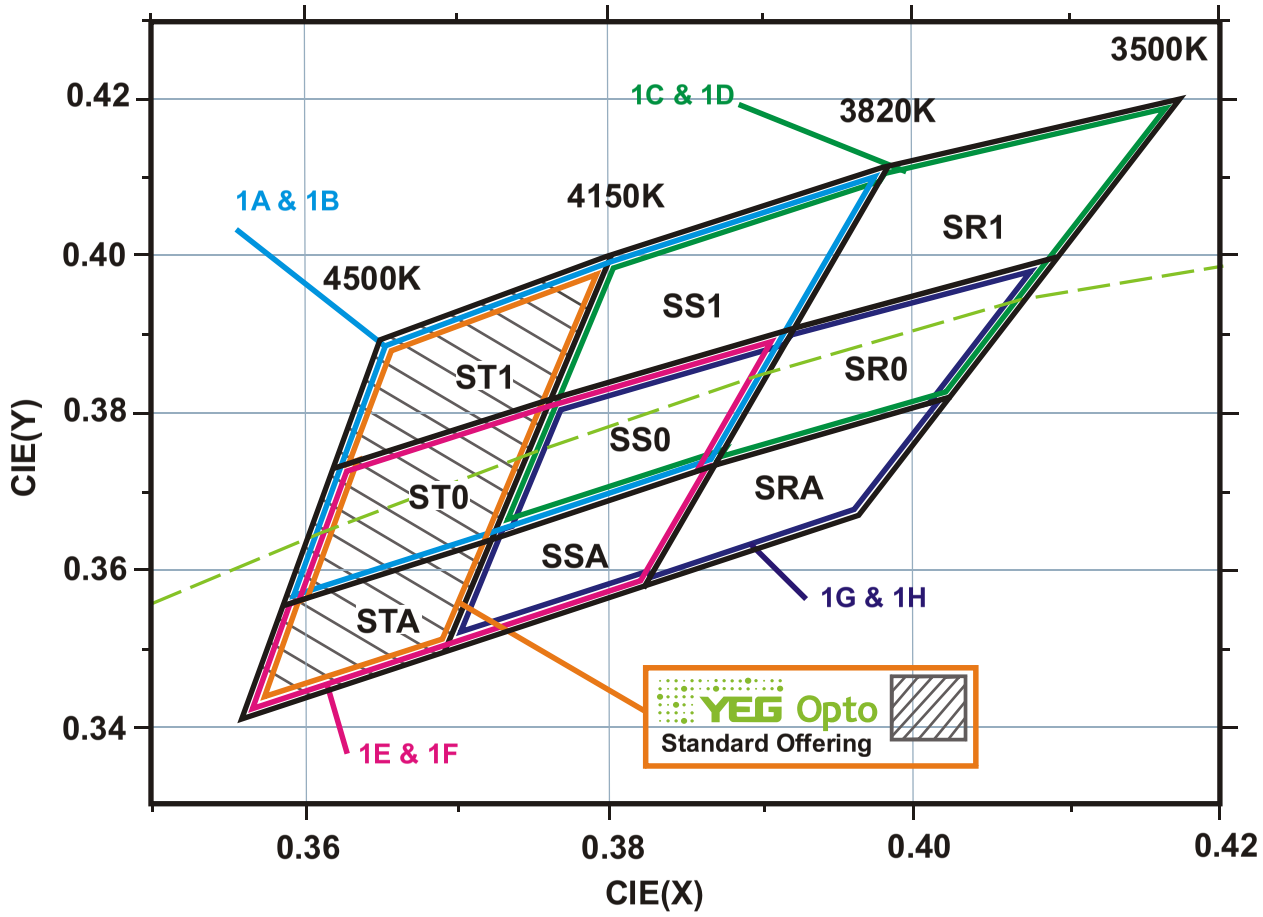
Pure White 4,500 - 10,000	Natural White 3,500 - 4,500	Warm White 2,650 - 3,500
W	S	N

Red	Amber	Green	Blue	Full Colour
R	A	G	B	F

X2 Series	X3 Lense Type	X4 Chip Quality	X5 Package Size	X6 Package Type
P3ii = S	No Lens = 0	0.5W = 0	5mm = 5	No PCB = 0
P4 = 4	120 - 140° = 2	1W = 1	+6mm = 6	Star PCB = 2
P5ii = 5	Side Emitter = 3	P5ii / Z2 = 3	8mm = 8	
P7 = 7	93 = 9	10W = 4	12mm = C	
P9 = 9				
Z1 = Z1				
Z2 = Z2				

Code: W 4 2 1 8 0

Natural white binning structure graphical representation



Warm white binning structure graphical representation