Bin Code System

LED Lamp Color Bin Selection

Bin	Dominate Wavelength (nm)													
	blue		bluish green		deep green		pure green		yellow green		yellow		amber	
	min	max	min	max	min	max	min	max	min	max	min	max	min	max
1	463.0	465.0					556.0	559.0			581.0	584.5	598.0	601.0
2	465.0	467.0	500.0	502.0	520.0	522.0	559.0	561.0			584.5	587.0	601.0	603.0
3	467.0	469.0	502.0	504.0	522.0	524.0	561.0	563.0			587.0	589.5	603.0	605.0
4	469.0	471.0	504.0	506.0	524.0	526.0	563.0	565.0			589.5	592.0	605.0	607.0
5	471.0	473.0	506.0	508.0	526.0	528.0			565.0	567.0	592.0	594.5	607.0	609.0
6	473.0	475.0	508.0	510.0	528.0	530.0			567.0	569.0			609.0	611.0
7	475.0	477.0							569.0	571.0				
8	477.0	479.0							571.0	573.0				
9									573.0	575.0				

LED Lamp Brightness Bin Selection

Brightness (mcd)					
Bin code	min	max	Bin code	min	max
A1	0.10	0.20	H	180	240
A2	0.20	0.35	J	240	310
A3	0.35	0.5	K	310	400
A4	0.50	0.80	L	400	520
A5	0.80	1.25	M	520	680
A6	1.25	2.0	N	680	880
A7	2.0	3.2	P	880	1150
A8	3.2	5.0	Q	1150	1500
A9	5.0	8.0	R	1500	1900
B1	8.0	12.5	S	1900	2500
B2	12.5	20.0	T	2500	3200
B3	20.0	32.0	U	3200	4200
B4	32.0	49.0	V	4200	5500
C	49.0	64.0	W	5500	7200
D	64.0	80.0	X	7200	9300
E	80.0	108	Y	9300	12000
F	108	140	Z	12000	16000
G	140	180			

Remark:

1.Test condition: a: standard & super bright type I_F=20mA.
b: low current type I_F=2mA.

2.Brightness tolerance for each bin limit is ±15%.

3.Color tolerance for each bin limit is ±0.5nm.