



### BRIGHTNESS (IV) BIN

For all LED Lamps but White and pink LED besides (Ta=25°C)

Code	Iv(mcd)	Code	Iv(mcd)	Code	Iv(mcd)	Code	Iv(mcd)
A	<5.0	H	37.2-52.0	Q	390-550	X	4180-5860
B	5.0-7.0	J	52.0-72.8	R	550-770	Y	5860-8200
C	7.0-9.8	K	72.8-102	S	770-1100	Z	8200-12000
D	9.8-13.7	L	102-145	T	1100-1520	ZA	12000-16000
E	13.7-19.0	M	145-200	U	1520-2130	ZB	16000-23500
F	19.0-26.6	N	200-280	V	2130-3000	ZC	23500-33000
G	26.6-37.2	P	280-390	W	3000-4180	ZD	33000-47000

For White and pink LED Lamp (Ta=25°C)

Code	Iv(mcd)	Code	Iv(mcd)	Code	Iv(mcd)	Code	Iv(mcd)
J	0-50	Q	400-600	W	3000-4000	Z4	15000-18000
K	50-100	R	600-800	X	4000-6000	Z5	18000-22000
L	100-150	S	800-1000	Y	6000-8000	Z6	22000-26000
M	150-200	T	1000-1500	Z1	8000-10000	Z7	26000-30000
N	200-300	U	1500-2000	Z2	10000-12000	Z8	30000-35000
P	300-400	V	2000-3000	Z3	12000-15000		

### Flux LED、Medium power LED

Bin Code	LM	Bin Code	LM
A	≤0.46	M	6.0-7.8
B	0.46-0.60	N	7.8-10.0
C	0.60-0.77	AE	10-13
D	0.77-1.0	AF	13-17
E	1.0-1.3	AG	17-22
F	1.3-1.7	AH	22-28
G	1.7-2.2	AJ	28-36
H	2.2-2.8	AK	36-47
J	2.8-3.6	AL	47-60
K	3.6-4.7	AM	60-78
L	4.7-6.0	AN	78-100

### Power LED

Bin Code	Lumens	Bin Code	Lumens
A	0~5	S	180~200
B	5~10	T	200~240
C	10~15	U	240~280
D	15~20	V	280~320
E	20~25	W	320~360
F	25~30	X	360~400
G	30~40	Y	400~450
H	40~50	Z	450~500
J	50~60	A2	500~600
K	60~70	B2	600~700
L	70~80	C2	700~800

**Power LED**

M	80~100	D2	800~900
N	100~120	E2	900~1000
P	120~140	F2	1000~1200
Q	140~160	G2	1200~1400
R	160~180		

**For ALL GENERAL INFRARED LEDS**

Bin Code	IV(mW/sr)	Bin Code	IV(mW/sr)
A	<5.0	S	62.4~72.8
B	5.0~6.0	T	72.8~87.4
C	6.0~7.0	U	87.4~102
D	7.0~8.4	V	102~123.5
E	8.4~9.8	W	123.5~145
F	9.8~11.8	X	145~172.5
G	11.8~13.7	Y	172.5~200
H	13.7~16.4	Z	200~240
J	16.4~19.0	ZA	240~280
K	19.0~22.8	ZB	280~335
L	22.8~26.6	ZC	335~390
M	26.6~31.9	ZD	390~470
N	31.9~37.2	ZE	470~550
P	37.2~44.6	ZF	550~660
Q	44.6~52.0	ZG	660~770
R	52.0~62.4		

**INFRARED LEDs OUTPUT BIN**

Bin Code	IV(mW/sr)	Bin Code	IV(mW/sr)
O	4--6	V	21--24
P	6--8	W	24--28
Q	8--10	X	28--32
R	10--12	Y	32--36
S	12--15	Z	36--42
T	15--18	Z1	42--48
U	18--21	Z2	48--54