



# SAMSUNG LED



May 2008







*Digital Light in the near Future*



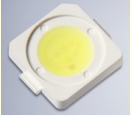
## Samsung Electro-Mechanics Co.,LTD

# Middle Power LED – WHITE Series

IMAGE	Part Model	Condition	Pad	Luminous Intensity (cd)			Nichia	Osram	unit
				Min.	Typ.	Max.			
 3.2x2.8x1.9T	SLTNCW13122N	IF=20mA	2	1.1	1.5	1.8	1.5 NESW064A	1.0 LWE6SC	cd
 3.2x2.8x1.9T	SLSNNWH822TS	IF=60mA	4	3.0	4.0	5.0	None	None	cd
	SLSNNWH812TS	IF=90mA		4.5	6.0	8.0	None	None	cd
 3.0x3.0x0.9T	SLSNNWH834TS	IF=120mA	4	6.0	8.0	10.0	None	None	cd
	SLSNNWH814TS	IF=90mA		4.5	6.0	8.0	None	None	cd
	SLSNNWH822TS	IF=30mA		3.0	4.0	5.0	None	None	cd
 5.2x5.2x1.3T	SLSNNWH805TS	IF=20mA	2	1.4	1.7	2.0	None	None	cd
	SLSNNWH825TS	IF=40mA	2	3.2	3.6	4.0	None	None	cd
	SLSNNWH815TS	IF=60mA	6	4.0	5.2	6.5	None	None	cd
	SLTNCW2502AN	IF=100mA	2	6.0	7.0	9.0	None	None	cd



# Middle Power LED – WHITE Series



IMAGE	Part Model	Condition	Pad	Luminous Intensity (cd)			Nichia	Osram	unit
				Min.	Typ.	Max.			
	SLTNCW2502AN (1.3T)	IF=100mA	2	6.0	8.0	10.0	9.0 NFSW036C	-	cd



# Middle Power LED-Full Color Series



IMAGE	Part Model	Condition	Pad	Luminous Intensity (cd)			Nichia	Osram	unit
				RED	GREEN	BLUE			
 3.2x2.8x1.9T	SLSRGBW812TS	IF=20mA	4	320	600	180	R:280 G:550 B:190 NESM026A	R:300 G:600 B:180 LATB T66B	mcd
 5.2x5.2x1.3T	SLSRGBW815TS	IF=60mA	6	600	1400	400	R:700 G:1600 B:400 NSSM016D	None	mcd

# Middle Power LED-Discrete Color Series



IMAGE	Part Model	Condition	Pad	Luminous Intensity (cd)			Nichia	Osram	unit
				RED	GREEN	BLUE			
 3.2x2.8x1.9T	SLTNNR13122N	IF=20mA	2	400	600	850	500 NSSR064	600 LSE6SF	mcd
	SLTNNB13122N			220	380	520	310 NESB064	250 LBE67C	mcd
 5.2x5.2x1.3T	SLSNNRA825TS	IF=40mA	2	600	1200	1800	None	None	mcd
	SLSNNGA825TS			2000	2500	3000	None	None	mcd
	SLSNNBA825TS			250	380	500	None	None	mcd
	SLSNNAA825TS			800	1400	2000	None	None	mcd

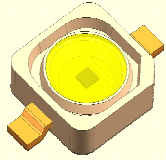


# Middle Power LED- Under Development



## Full Color : M.P on July 08

IMAGE	Part Model	Condition	Pad	Luminous Intensity (cd)			Nichia	Osram	unit
				RED	GREEN	BLUE			
Under Development	SLTRGB33266N (1.4T)	IF=60mA	6	600	1400	400	R:700 G:1200 B:400 NSSM065A	R:600 G:920 B:350 LRTB G6SG	mcd

# High Power LED

IMAGE	Part Model	Condition	Terminal (Pad)	Luminous Flux	Nichia
 7.0 x 7.0 x 1.4T	SLHNNWHL32ANT	IF=350mA	2	50	NJSW036A
	SLHNNWWL32ANT	IF=350mA	2	30	NJSL036A
	SLHNNGAL32ANT	IF=350mA	2	40	-
	SLHNNBAL32ANT	IF=350mA	2	10	-
	SLHNNRAL32ANT	IF=350mA	2	30	-
 7.0 x 7.0 x 2.0T	SLHNNWH511N0	IF=350mA	2	70	NJSW036A
	SLHNNWH531N0	IF=700mA	2	125	-
	SLHNNWW511N0	IF=350mA	2	55	NJSL036A
	SLHNNWW531N0	IF=700mA	2	95	-
 7.0 x 7.0 x 4.9T	SLHNNWH511T0	IF=350mA	2	75	NJSW036L
	SLHNNWH531T0	IF=700mA	2	130	-
	SLHNNWW511T0	IF=350mA	2	60	NJSL036L
	SLHNNWW531T0	IF=700mA	2	100	-