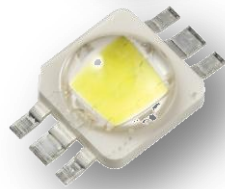
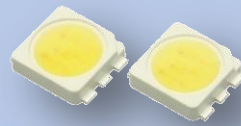


# power LEDs



**ELECTRO-MECHANICS**

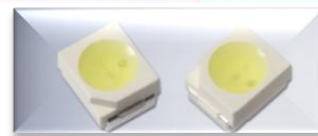
CML presents the range of New Generation Power LED's from  with applications in many areas... **ELECTRO-MECHANICS**

Samsung one of the worlds leading electronic manufacturers, can now offer to industry, their range of Middle and High Power LEDs, available in 6 package sizes, cool white, warm white, red, green, blue and RGB.

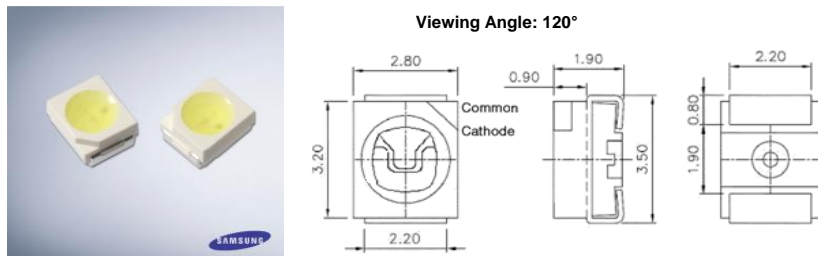
CML-IT one of the worlds largest consumers and suppliers of LEDs are pleased to offer the Samsung range, from our Central European Logistic centre in Germany, where a staff of 45 offer a multi lingual customer satisfaction service, with a stock of over 20 million parts being dispatched across Europe on a 48 hour service.

Available across Europe from..



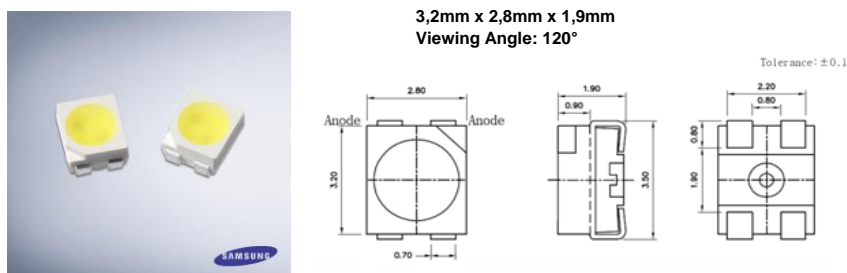


## 3228 - Middle Power LEDs with 2 terminals (PLCC-2)



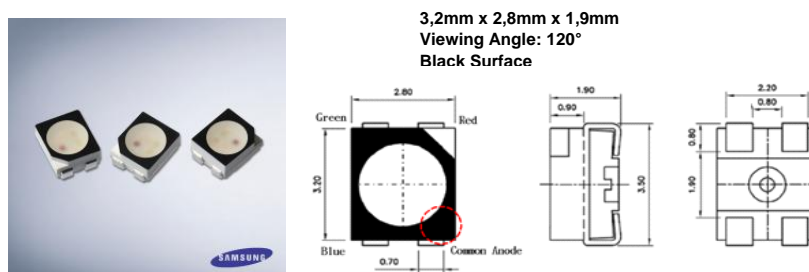
Samsung Part Number	Color	Typ. Luminous Flux	Typ. Luminous Intensity	Current	Forward Voltage	Number of LED Chips
SLSNNWH802TS	cool white	4.2lm	2000mcd	30mA	2.9 - 3.6V	1

## 3228 - Middle Power LEDs with 4 terminals (PLCC-4)



Samsung Part Number	Color	Typ. Luminous Flux	Typ. Luminous Intensity	Current	Forward Voltage	Number of LED Chips
SLSNNWH822TS	cool white	8.4lm	4000mcd	2 x 30mA	2.9 - 3.8V	2
SLSNNWH812TS	cool white	12.6lm	6000mcd	3 x 30mA	2.9 - 3.8V	3

## 3228 - Middle Power LEDs with 4 terminals (PLCC-4)

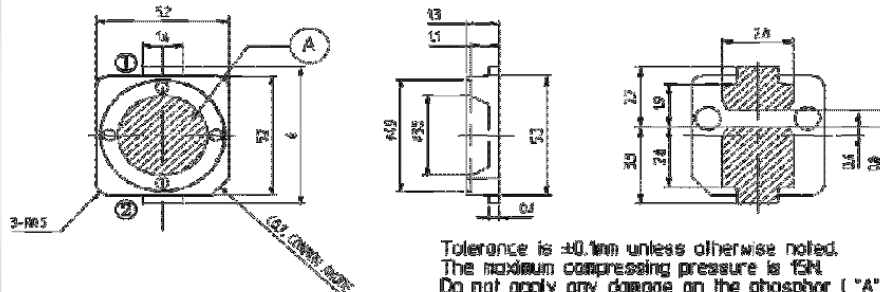


Samsung Part Number	Color	Typ. Luminous Flux	Typ. Luminous Intensity	Current	Forward Voltage	Number of LED Chips
SLSRGBW812TS	red green blue	-	260mcd 650mcd 150mcd	20mA 10mA 10mA	1.8 - 2.6V 2.9 - 3.6V 2.8 - 3.6V	3



## 5252 - Middle Power LEDs with 2 terminals

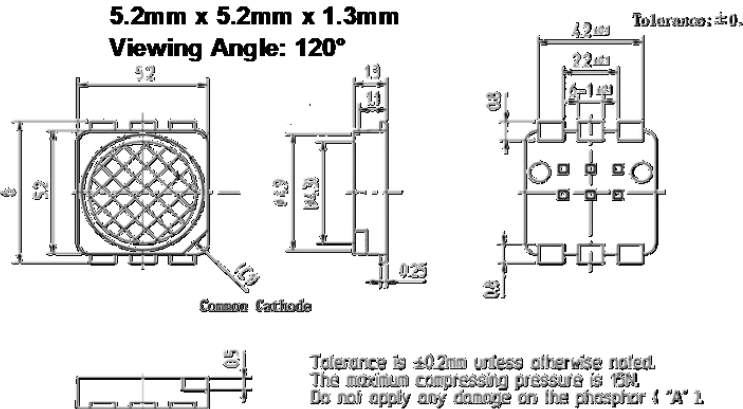
5.2mm x 5.2mm x 1.3mm  
Viewing Angle: 120°



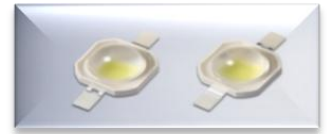
Samsung Part Number	Color	Typ. Luminous Flux	Typ. Luminous Intensity	Current	Forward Voltage	Number of LED Chips
SLSNNWH805TS	cool white	4.2lm	1700mcd	20mA	2.9 - 3.6V	1
SLSNNWH825TS	cool white	10.0lm	3500mcd	40mA	2.9 - 3.6V	2
SLSNNWW825TS	warm white	8.0lm	2500mcd	40mA	2.9 - 3.6V	2
SLSNNRA825TS	red	2.4lm	1000mcd	40mA	1.7 - 2.6V	2
SLSNNGA825TS	green	7.0lm	2700mcd	40mA	2.9 - 3.8V	2
SLSNNBA825TS	blue	1.2lm	600mcd	40mA	2.9 - 3.8V	2
SLSNNAA825TS	amber	2.8lm	1200mcd	40mA	1.7 - 2.6V	2

## 5252 - Middle Power LEDs with 6 terminals

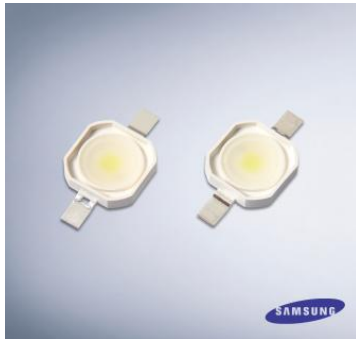
5.2mm x 5.2mm x 1.3mm  
Viewing Angle: 120°



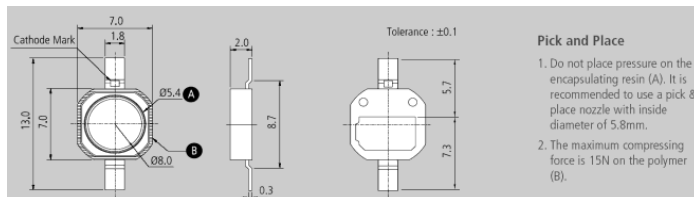
Samsung Part Number	Color	Typ. Luminous Flux	Typ. Luminous Intensity	Current	Forward Voltage	Number of LED Chips
SLSNNWH815TS	cool white	13.5lm	5200mcd	3 x 20mA	2.9 - 3.6V	3
SLSNNWW815TS	warm white	13.0lm	5000mcd	3 x 20mA	2.9 - 3.6V	3
SLSRGBW815TS	red	-	600mcd	3 x 20mA	2.1 - 2.6V	3
	green		1400mcd		3.1 - 3.7V	
	blue		400mcd		3.1 - 3.6V	



## Sunnix 5 - 1W & 3W High Power LEDs without lens



7.0mm x 7.0mm x 2.0mm  
Viewing Angle: 120°

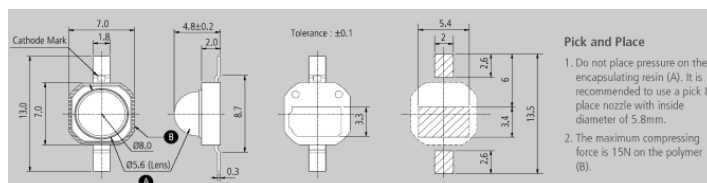


Samsung Part Number	Color	Power	Luminous Flux	Current	Forward Voltage	Number of LED Chips
SLHNNWH511N0	cool white	1W	60 - 90lm	350mA	2.9 - 4.1V	1
SLHNNWH531N0	cool white	3W	100 - 160lm	700mA	3.2 - 4.5V	1
SLHNNWW511N0	warm white	1W	40 - 70lm	350mA	2.9 - 4.1V	1
SLHNNWW531N0	warm white	3W	80 - 120lm	700mA	3.2 - 4.5V	1

## Sunnix 5 - 1W & 3W High Power LEDs with lens



7.0mm x 7.0mm x 4.9mm  
Viewing Angle: 55°



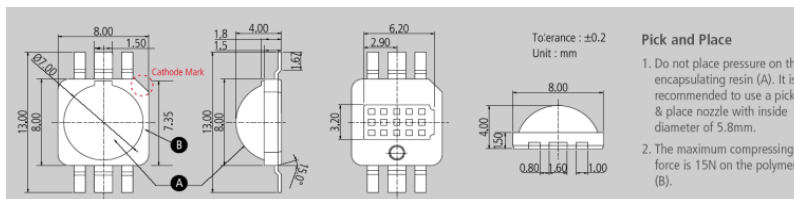
Samsung Part Number	Color	Power	Luminous Flux	Current	Forward Voltage	Number of LED Chips
SLHNNWH511T0	cool white	1W	60 - 90lm	350mA	2.9 - 4.1V	1
SLHNNWH531T0	cool white	3W	100 - 160lm	700mA	3.2 - 4.5V	1
SLHNNWW511T0	warm white	1W	40 - 70lm	350mA	2.9 - 4.1V	1
SLHNNWW531T0	warm white	3W	80 - 120lm	700mA	3.2 - 4.5V	1





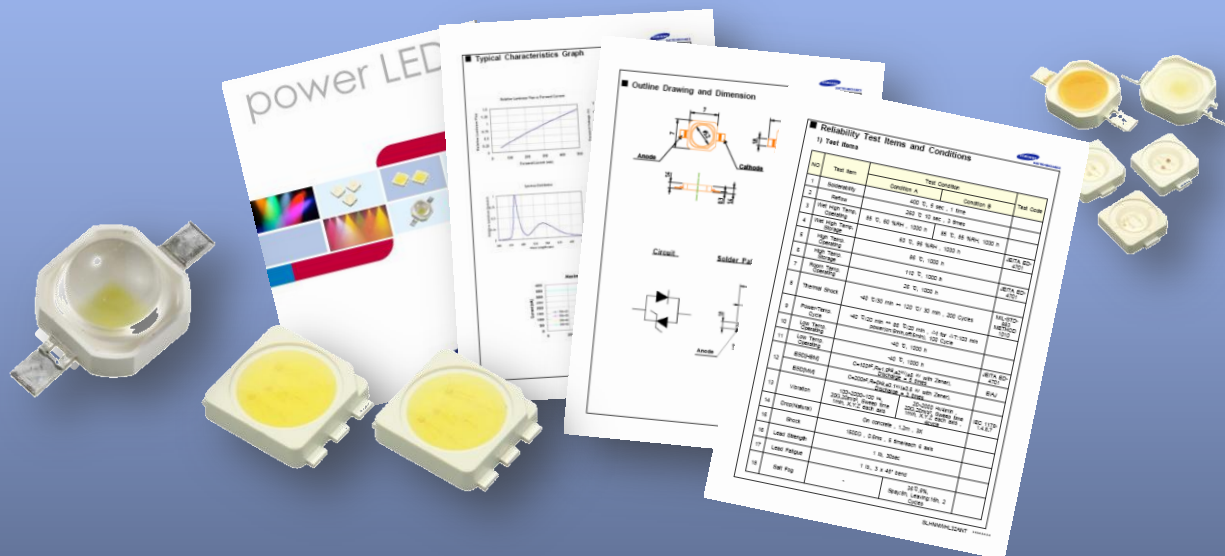
## Sunnix 6 - 2W High Power LEDs

8.0mm x 8.0mm x 4.0mm  
Viewing Angle: 120°



Samsung Part Number	Color	Power	Luminous Flux	Current	Forward Voltage	Number of LED Chips
SLHNNWH629T0	cool white	2W	90 - 150lm	3 x 60mA	8.9 - 11.0V	9

For full technical specifications & Data sheets contact our Product Management team at Bad Dürkheim Tel: +49 (0) 6322 9567-0





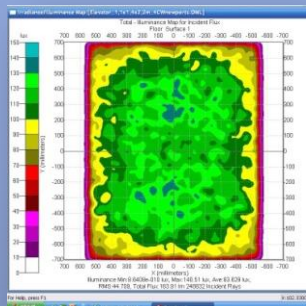
Indoor & outdoor, commercial & residential architectural lighting  
CML's own accent lighting system  
Backlighting, signs and advertising  
Transition from Incandescent-LED  
Decorative and mood lighting  
Food refrigeration lighting





## Engineering & Technical Support

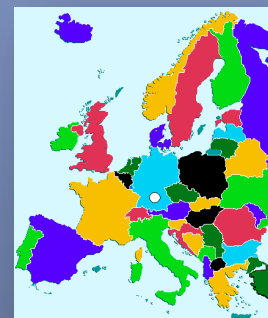
In Bad Dürkheim & Bamberg Germany our teams of Product Managers and Design Engineers can advise on everything from the specification of your choice of Samsung LEDs through to the simulation of the results of using that choice in your product right there on the CAD screen.... Without laying out a PCB or prototyping . Our simulations will show you, the light levels produced by the Samsung LEDs on your product.



This example of a lighting simulation represents an elevator car for a major elevator manufacturer, they specified a certain light level on the floor and by “fitting“ 4 of our LED units we were able to prove to them that the green and yellow areas representing light levels were illuminated to the desired specification. This then enables CML to accurately cost the project and offer a proven solution.

Our German customer satisfaction and logistics centre is placed centrally in Europe to provide...

- 48 hour delivery from stock
- 45 staff at your service
- Multi Language Customer Management
- Calibration Lab



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Email: [europe@cml-it.com](mailto:europe@cml-it.com)

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