

Fortimo SLM gen 7 - High Density

The latest generation of Fortimo LED SLM enables more light out of small COB sizes. The Fortimo SLM High Density (HD) portfolio is perfect for narrow beam high punch applications but can also be used for miniaturized down lights when used with optimized lens optics. With Fortimo SLM HD it is possible to get up to 3000lm out of a less size of only 9 mm.



Product specification*

Product name	Module efficacy** lm/W	Color temperature K	Color rendering CRI	CoB size***	Order code EOC
Fortimo SLM gen 7 HD					
LES size: 9mm - Typical lm output: 2000lm					
Fortimo SLM C 730 1204 L09 1619 G7	135	3000	>70	1619	8718696751121 00
Fortimo SLM C 740 1204 L09 1619 G7	144	4000	>70	1619	8718696751152 00
Fortimo SLM C 827 1204 L09 1619 G7	116	2700	>80	1619	8718696751183 00
Fortimo SLM C 830 1204 L09 1619 G7	124	3000	>80	1619	8718696751213 00
Fortimo SLM C 835 1204 L09 1619 G7	128	3500	>80	1619	8718696751244 00
Fortimo SLM C 840 1204 L09 1619 G7	131	4000	>80	1619	8718696751312 00
Fortimo SLM C 850 1204 L09 1619 G7	131	5000	>80	1619	8718696751381 00
Fortimo SLM C 857 1204 L09 1619 G7	130	5700	>80	1619	8718696751459 00
Fortimo SLM C 927 1204 L09 1619 G7	91	2700	>90	1619	8718696751480 00
Fortimo SLM C 930 1204 L09 1619 G7	94	3000	>90	1619	8718696751510 00
Fortimo SLM gen 7 HD - premium white					
Fortimo SLM C 830 PW 1204 L09 1619 G7	124	3000	>90	1619	8718696751541 00
Fortimo SLM C 930 PW 1204 L09 1619 G7	97	3000	>90	1619	8718696751572 00
Fortimo SLM C 935 PW 1204 L09 1619 G7	105	3500	>90	1619	8718696751602 00
Fortimo SLM C 940 PW 1204 L09 1619 G7	109	4000	>90	1619	8718696751633 00

* This overview represents the global Fortimo SLM portfolio, please contact your Philips Lighting representative for local availability.

** Module efficacy is calculated for the typical lm output with Tc= 85C. For more detailed specifications (including lifetime) please check the datasheets or the Easy Design-In Tool.

*** The CoB size defines the compatibility with the SLM Holders. The CoB size is also given in the name of the Holder.

**** LES size 23 mm is only compatible with the Fortimo SLM H PI 2828 holder. (see page 44)

Driver compatibility matrix

Module type	Xitanium 20W 0.15- 0.5A 48V	Xitanium 36W 0.3-1A 48V	Xitanium 50W 0.7-1.5A 48V	Xitanium 50W 0.9- 1.4A 48V	Xitanium 16W/m 0.35A 46V SC 230V	Xitanium 23W/m 0.5A 46V SC 230V	Xitanium 28W/m 0.6A 31-46V SC 230V	Xitanium 32W/m 0.7A 46V SC 230V	Xitanium 34W/m 0.8A 42V SC 230V	Xitanium 38W/m 0.9A 42V SC 230V	Xitanium 48W/m 1.05A 46V SC 230V
1204, L09	•	•	•	•	•	•	•	•	•	•	•**
Xitanium window drivers*	Xitanium single current drivers*										

* Check the Xitanium indoor point driver portfolio or philips.com/technology for all available drivers with the operating point you need.

** The warranty window of Fortimo SLM gen 7 HD is valid up to 900mA.