



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**Product number CA10318\_TITANUM-O-SS**

Family	Titanium	FWHM	9 degrees
Type	Assembly	Efficiency	91 %
LED	Platinum Dragon	cd/lm	21.790
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.8 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10252\_TITANUM-O-M**

Family	Titanium	FWHM	26 degrees
Type	Assembly	Efficiency	87 %
LED	Platinum Dragon	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.9 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10319\_TITANUM-O-O**

Family	Titanium	FWHM	36+7 degrees
Type	Assembly	Efficiency	92 %
LED	Platinum Dragon	cd/lm	7.990
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.9 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number CA10244\_TITANUM-O-W**

Family	Titanium	FWHM	70 degrees
Type	Assembly	Efficiency	74 %
LED	Platinum Dragon	cd/lm	0.550
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.9 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		



## PRODUCT DATASHEET

### Titanium series

last update 15/6/2017

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**



## PRODUCT DATASHEET

### Titanium series

last update 15/6/2017

#### GENERAL INFORMATION

- Product series especially designed & optimized for Platinum Dragon series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>