



G.D.E.

GENESIS

THE FUTURO
É **NOW**

The GENESIS Headlight Module combines applied engineering, configuration flexibility, and dedicated technology to meet the requirements of automotive lighting systems.



FLEXIBLE



HIGH LUMINOUS EFFICIENCY



MADE IN BRAZIL



G.D.E.

A NEW ERA FOR AUTOMOTIVE LIGHTING

Manufactured in Brazil, the product reflects GDE's ability to integrate components, processes, and technical expertise into reliable solutions aligned with current demands and the evolution of the industry.

GENESIS LOW BEAM



GENESIS HIGH BEAM



OSRAM

LEDS: **KW2 C2LNL3.TK**

 **Color:**  white

 **Operating Temperature:** -40 ~135°C

*Characteristics at 25°C and 1000mA

Voltage	5.6~6.75V; typ. 6.51V
Luminous Flux	900~940lm

Temperature x Luminous Flux	
25°	100%
50°	97%
75°	93%
100°	89%
125°	82%
150°	76%

NICHIA

LEDS: **NC2W321FT-SW57-M800-M850**

 **Initial Electrical Characteristics:** 1000mA, 6.5V, 820lm*

 **Color:**  white


 **Operating Temperature:** -40 ~ 130°C

*Characteristics at 25°C

Voltage	-	5,9V	7V
Luminous Flux	M850	850lm	900lm
	M800	800lm	850lm

Temperature x Luminous Flux	
25°	100%
50°	96%
75°	94%
100°	89%
125°	81%
150°	72%

LEDS: **KW3 C3LNL3.TK**

 **Color:**  white

 **Operating Temperature:** -40 ~135°C

*Characteristics at 25°C and 1000mA

Voltage	8.4~10.15V; typ. 9.66V
Luminous Flux	1325~1375lm

Temperature x Luminous Flux	
25°	100%
50°	97%
75°	93%
100°	89%
125°	82%
150°	76%

LEDS: **NC3W321FT-SW57-E1200-M1300**

 **Initial Electrical Characteristics:** 11000mA, 9.75V, 1230lm*

 **Color:**  white

 **Operating Temperature:** -40 ~ 130°C

*Characteristics at 25°C

Voltage	-	8,8V	10,5V
Luminous Flux	E1200	1200lm	1300lm
	M1300	1300lm	1350lm

Temperature x Luminous Flux	
25°	100%
50°	96%
75°	94%
100°	89%
125°	81%
150°	72%