

# LED-Fahrscheinwerfer Modell 8801 Evolution 2 SmartHeat

**Part no. FS-2136-88311**

12-24 V, low beam, with heated lens, ECE road approval (Reg. 112)

## Specifications

<b>Voltage range (V), nominal</b>	12-24
<b>Voltage range (V), functional</b>	9-32
<b>Power consumption (W)</b>	36,6-40,1
<b>Load capacity</b>	
<b>Temperature range (°C)</b>	-40 bis 65
<b>Brightness</b>	
<b>Brightness (raw lm)</b>	2830
<b>Brightness (effective lm)</b>	782
<b>Brightness (cd)</b>	29.800
<b>Brightness (lx)</b>	
<b>Brightness (reference index)</b>	
<b>Performance class</b>	
<b>Beam pattern/lens</b>	
<b>Beam angle [°]</b>	
<b>Colour Temperature (K)</b>	5000
<b>Others</b>	
<b>Ingress protection</b>	IP69K
<b>Resistivity</b>	
<b>Standards</b>	ECE (Reg. 112), FMVSS 108 s10.1, DOT
<b>Electromagnetic Compatibility</b>	
<b>Transient spike protection</b>	

## Dimensions

## Mounting

<b>Mounting type</b>	Universalhalterung, 1/2"
<b>Installation dimensions/diameter [mm]</b>	
<b>Installation depth [mm]</b>	
<b>Connector</b>	H4 (AMP #172615-2)
<b>Mating connector</b>	LH AMP #172795-1, RH AMP #172796-1
<b>Reverse polarity protection</b>	1
<b>Black wire</b>	Masse
<b>Yellow wire</b>	Abblendlicht
<b>White wire</b>	Abblendlicht

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## Others

<b>Material (Housing)</b>	Aluminium
<b>Material (Diffusing lens)</b>	Polycarbonat
<b>Color (Housing)</b>	Schwarz
<b>Color (Mount)</b>	Chrom
<b>Color (Diffusing lens)</b>	Klar

## Beam pattern

## Variants

<b>FS-2136-88311</b>	12-24 V, Abblendlicht, mit beheizter Frontlinse, ECE-Straßenzulassung (Reg. 112)
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## Accessories