



We hereby inform you that the blue LED for Multimec 3F is going to change. The change comes due to supplier making the old LED obsolete.

All new orders starting from April 1st 2019 are confirmed with the new LED with the part number 05.

There is no difference to the naked eye between the two LEDs when it comes to brightness and colour of illumination. For normal usage this LED change will not require any change of the pre-resistor value. However, there is a slight difference in technical specifications. See Table 1 below for details.

If the existing customer is concerned about the change, you are welcome to order some samples to test the new LEDs out.

Table 1. Specifications.

Parameter	old LED	new LED
	PN: 00	PN: 05
Absolute maximum ratings (Ta=25°C)		
Power	105 mW	135 mW
Forward current	30 mA	30 mA
Peak forward current	150 mA	70 mA
Reverse voltage	5 V	5 V
Operating temperature	-40/+85°C	-20/+80°C
Storage temperature	-40/+85°C	-30/+100°C
Soldering temperature	260°C for max 5 sec	260°C for max 5 sec
Electrical-optical characteristics (Ta=25°C)		
Forward voltage	Typ. 3.8 V	Typ. 3.8 V
	Max. 4.5 V	Max. 4.5 V
Reverse current (VR=5V)	10 µA	
Wave length	466 nm	466 nm
Spread	Δ 60 nm	Δ 60 nm
Spread angle	60 degrees	45 degrees
Luminous intensity	Min. 18 mcd	Min. 25 mcd
	Typ. 50 mcd	Typ. 60 mcd