

We hereby inform you that the blue LED for Multimec 3F switches with the part number 05 has become obsolete. The decision comes due to the discontinuence of the part from the manufacturer.

This change is immediate.

The new LED will have the part number 06 and has a higher intensity. This means the design of your electronics will have to be adjusted if you would like to keep the same illumination strength as the previous 05 LED.

Table 1. Specifications.

Parameter	old LED PN: 05	new LED PN: 06
<b>Absolute maximum ratings (Ta=25°C)</b>		
Power	135 mW	120 mW
Forward current	30 mA	30 mA
Peak forward current	70 mA	150 mA
Reverse voltage	5 V	5 V
Operating temperature	-20/+80°C	-40/+85°C
Storage temperature	-30/+100°C	-40/+85°C
Soldering temperature	260°C for max 5 sec	260°C for max 3 sec
<b>Electrical-optical characteristics (Ta=25°C)</b>		
Forward voltage	Typ. 3.8 V	Typ. 3.3 V
	Max. 4.5 V	Max. 4.0 V
Reverse current (VR=5V)		Max. 50 µA
Wave length	466 nm	460 nm
Spread	Δ 65 nm	Δ 25 nm
Spread angle	45 degrees	30 degrees
Luminous intensity	Min. 25 mcd	Min. 900 mcd
	Typ. 60 mcd	Typ. 1600 mcd

Photo 1. Comparison of the LEDs.



Left: New 06 LED with typical load

Middle: Old 05 LED with typical load

Right: New 06 LED with increased resistor value to match the intensity of the 05 LED