



F I L T E R S

Product Information

Colour Temperature Conversion Filters



These filters are used to balance the colour temperature of a light source with the type of film used. Thus they will balance tungsten film to daylight or vice versa, providing significant changes in colour temperature of various light sources. These filters can also be used to create an intentional warm or cool effect.

BLUE FILTERS

80a

For use in exposing daylight type colour materials under 3200k tungsten illumination. Converts 3200-5500k, with exposure of +2.

80b

For use under 3400k tungsten light. Converts 3400-5500k, with exposure +1 2/3.

80c

For use under 3800k tungsten light. Converts 3800-5500k, with exposure +1.

80d

For use under 4200k tungsten light. Converts 4200-5500k, with exposure +1/3.

AMBER FILTERS – Orange tone.

85

This is used for exposing type A tungsten materials in daylight. Conversion 5500-3400, exposure +2/3.

85b

This is used for exposing type B tungsten materials in daylight. Conversion 5500-5200, exposure +2/3.

85c

This paler filter is sometimes preferred for exposing Type L tungsten materials in daylight. Conversion 5500-3800k, exposure +1/3.

For more subtle changes in colour balance, the following filters are used. These are often known as **light balancing** filters rather than conversion filters, as they shift the colour temperature in smaller degrees to balance the colour of the light to the colour sensitivity of the film. They will make the appearance cooler (with the light blue filters) or warmer (with the light amber/yellowish filters).

LIGHT BLUE FILTERS - Cool lighting situations but not as dramatic as the 80 series.

82

Conversion 3100-3200k, exposure +1/3.

82a

Conversion 3000-3200k, exposure +1/3

82b

Conversion 2900-3200k, exposure +2/3

82c

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Conversion 2800-3200k, exposure +2/3

LIGHT AMBER / YELLOISH FILTERS – Warm up the look by reducing the blue cast.

81

Conversion 3300-3200k, exposure +1/3

81a

Conversion 3400-3200k, exposure +1/3

81b

Conversion 3500-3200k, exposure +1/3

81c

Conversion 3600-3200k, exposure +1/3

81d

Conversion 3700-3200k, exposure +2/3

81ef

Conversion 3800-3200k, exposure +2/3

CTC Combination Filters

These filters are a combination of a neutral density or polariser filter together with a CTC filter, and are available in a number of different combinations. The effect created can also be made by stacking the individual filters together, but as they are commonly used in combination they are available to purchase together as one filter.

The most common combination filters are listed below, although other combinations may be ordered on request.

85 Polarizer

85b Polarizer

81ef Polarizer

85 ND or HD ND (0.3,0.6,0.9 or 1.2)

85 ND or HD ND Grad (0.3,0.6,0.9 or 1.2)

85b ND or HD ND (0.3,0.6,0.9 or 1.2)

85b ND or HD ND Grad (0.3,0.6,0.9 or 1.2)

81ef ND or HD ND (0.3,0.6,0.9 or 1.2)

81ef ND or HD ND Grad (0.3,0.6,0.9 or 1.2)

