

How to use
Simply draw a line from the Colour temperature value of your original light source, to that of the converted source. Where the line crosses the central band, read off the Mired Shift value. For your convenience we have added the range of Lee Light Conversion Filters at their appropriate positions in relation to the Mired Shift Scale.

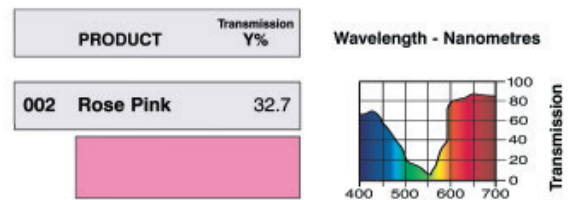
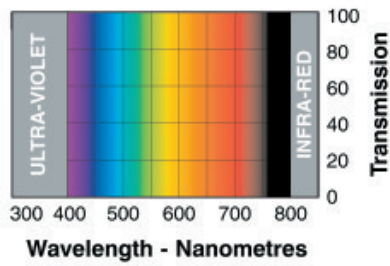
Example
To convert an original source of 6500K to 3200K. The line has been drawn as an example. You will note that it crosses the central band at just over +150 Mired Shift. This indicates that the Filter required is 204 Full CTO (also available with two degrees of Neutral Density).

MIERED SHIFT CALCULATION
To calculate the Mired (Micro Reciprocal Degree) Shift value for any conversion, carry out the following simple calculation.

$$\frac{1000000}{T2} - \frac{1000000}{T1} = \text{Mired Shift Value}$$

T1 is the colour temperature of the original light source in degrees Kelvin.
T2 is the colour temperature of the required source.

- Daylight Conversion
- Tungsten Light Conversion
- Coral
- Tungsten to Fluorescent Conversion
- Arc Correction
- Colour Temperature Adjustment inc Neutral Density
- C. T. Straws
- Fluorescent Light Conversion

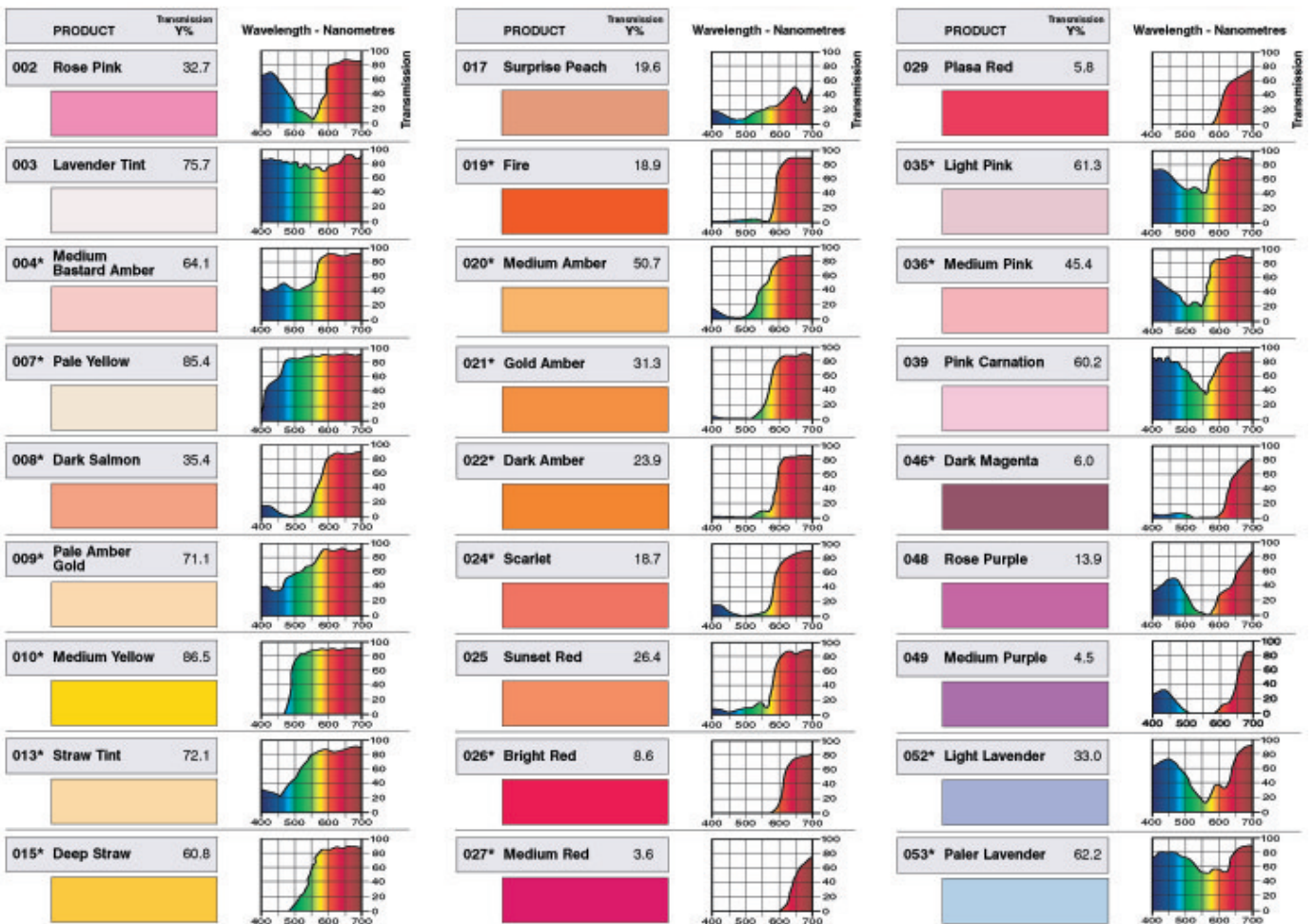


Die folgenden Seiten zeigen ein Spektraldiagramm mit Farbmuster für jeden Filter innerhalb der Farbpalette. Das Spektraldiagramm gibt den prozentualen Anteil des Lichts wieder, der von den einzelnen Filtertypen bei einer bestimmten Wellenlänge innerhalb des sichtbaren elektromagnetischen Spektrums durchgelassen wird. Die Abbildung darunter zeigt deutlich die Farben, die diesen Wellenlängen entsprechen.

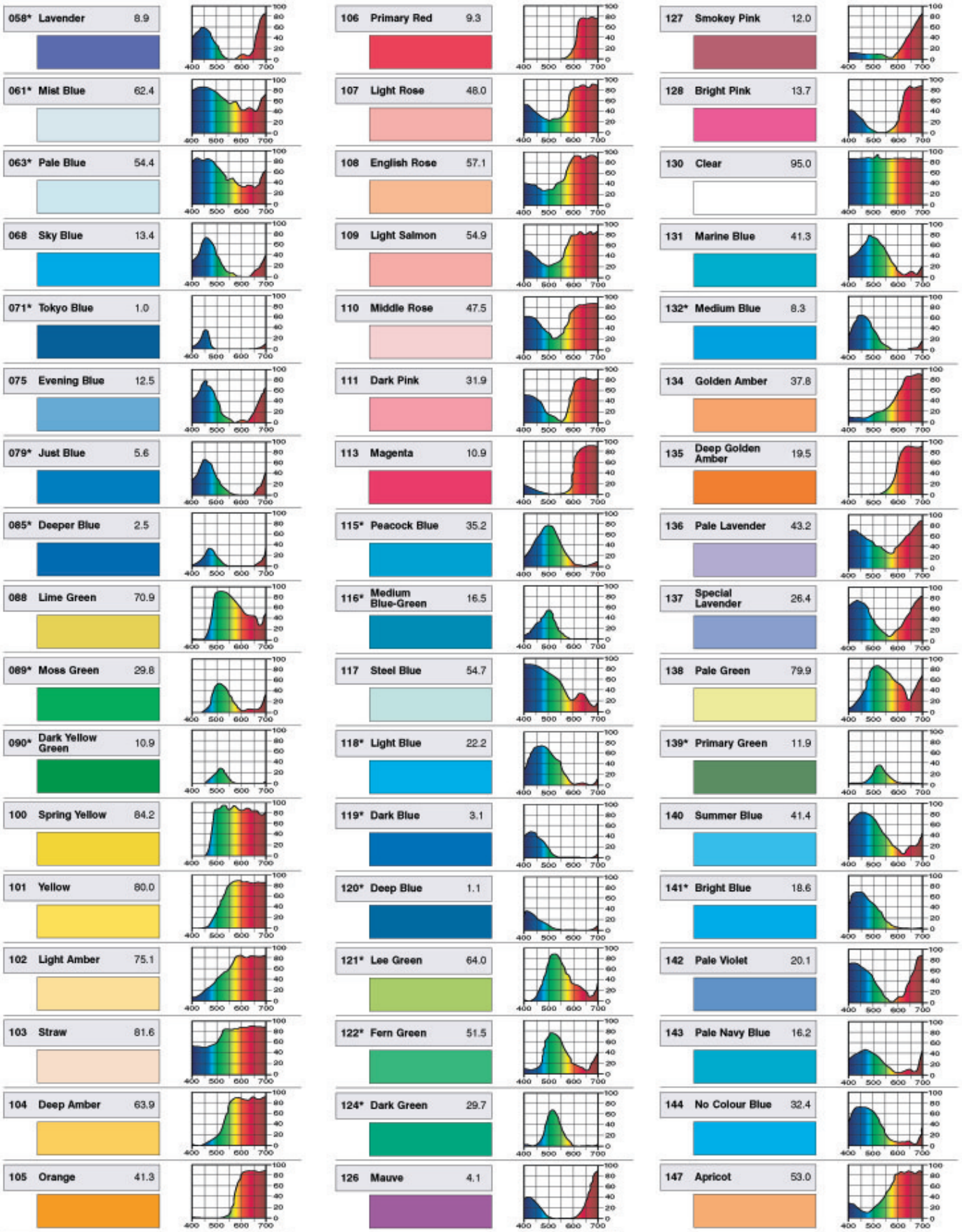
Das Farbmuster jedes Filters zeigt eine ungefähre Darstellung der Farbe, wenn Kunstlicht mit 3200 °K Farbtemperatur durch den Filter auf eine weiße Oberfläche fällt.

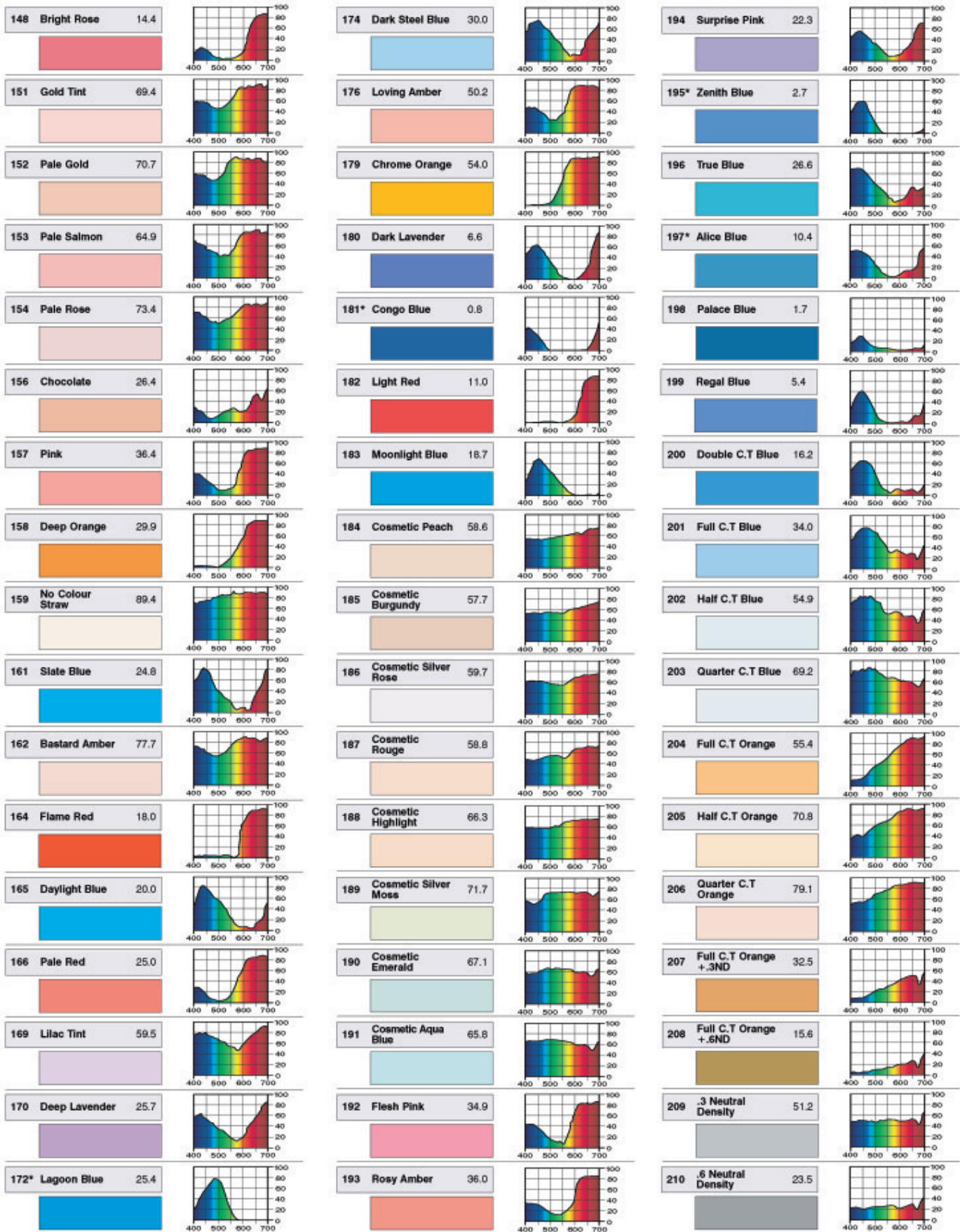
The colour sample of each filter shows an approximate representation of the colour when tungsten light at 3200 °K is shone through the filter onto a white surface.

The following pages show a spectral chart and colour sample for each filter within the colour range. The Spectral chart illustrates the percentage of light transmitted by each filter at wavelengths across the visible portion of the electromagnetic spectrum. The illustration below clearly shows the visible colours represented at these wavelengths.

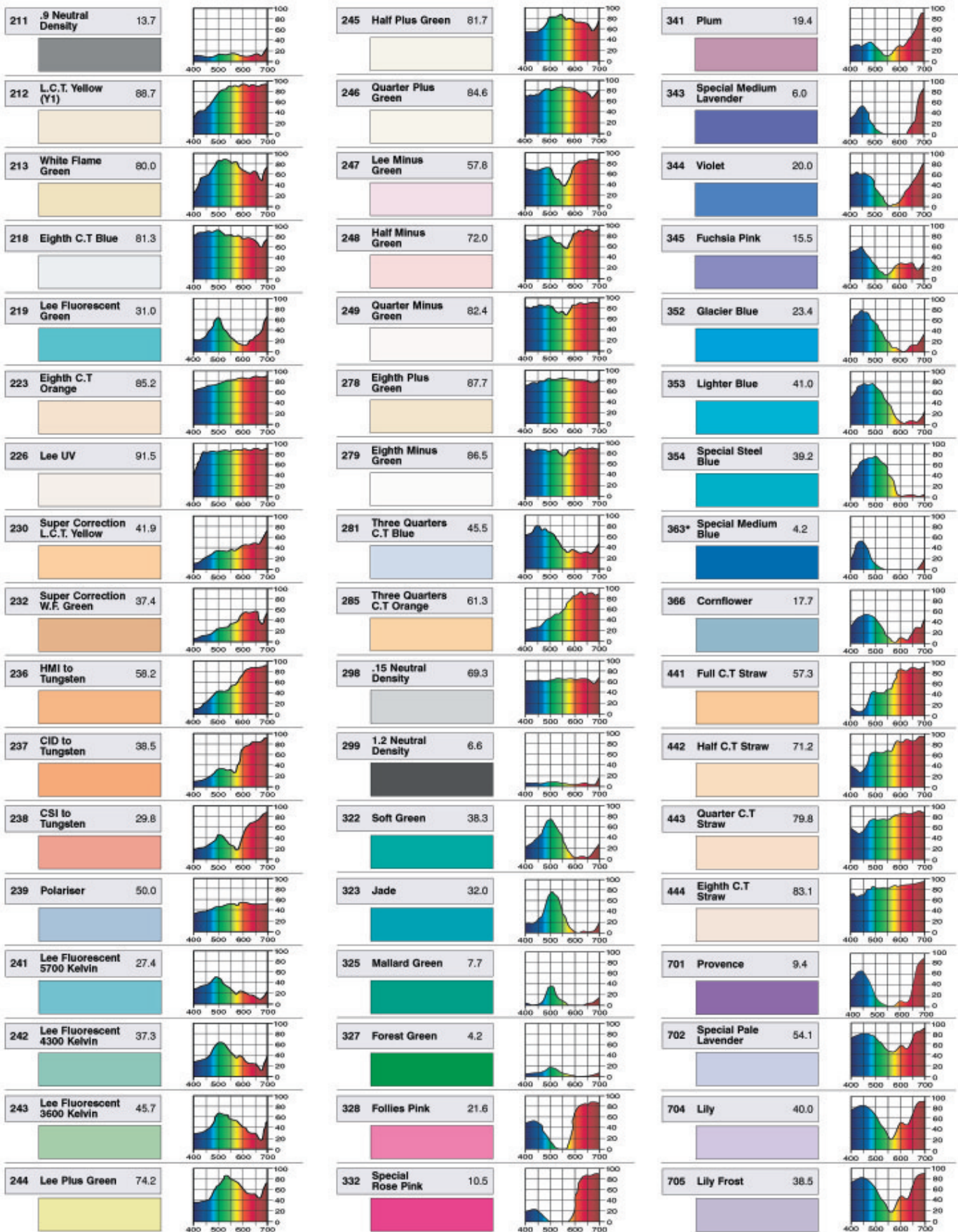


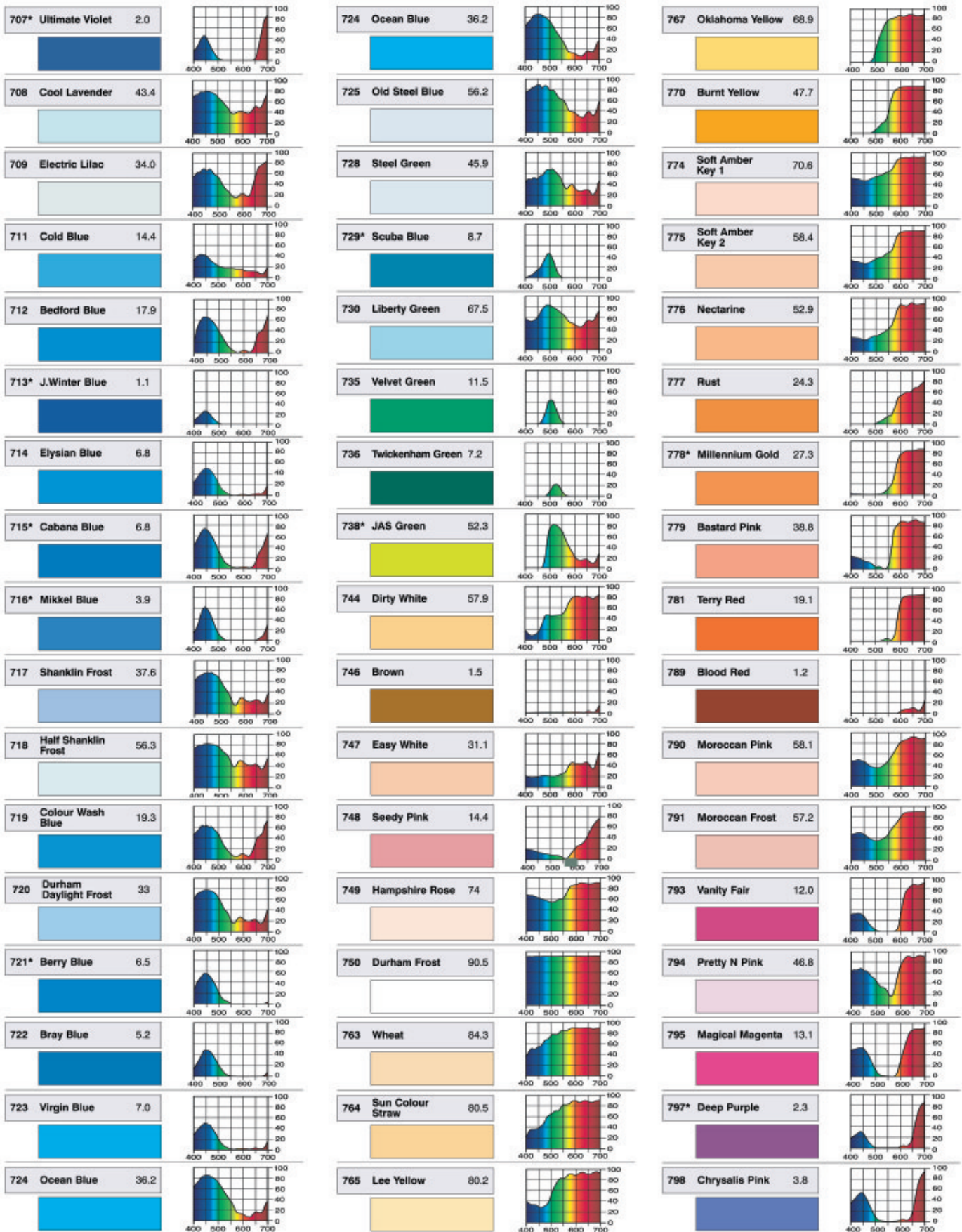
* auch in Hoch-Temperatur-Ausführung (HT) erhältlich





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Numerische LEE-Auflistung | *Numerical LEE-Listing*

002	ROSE PINK	139*	PRIMARY GREEN	224	DAYLIGHT BLUE FROST	Diffusion	441	FULL C.T. STRAW	Diffusion
003	LAVENDER TINT	140	SUMMER BLUE	225	LEE N.D. FROST	Diffusion	442	1/2 C.T. STRAW	Diffusion
004*	MEDIUM BASTARD AMBER	141*	BRIGHT BLUE	226	LEE U.V.	Conversion	443	1/4 C.T. STRAW	Diffusion
007*	PALE YELLOW	142	PALE VIOLET	228	BRUSHED SILK	Diffusion	444	1/8 C.T. STRAW	Diffusion
008*	DARK SALMON	143	PALE NAVY BLUE	229	1/4 TOUGH SPUN	Diffusion	450	3/8 WHITE DIFFUSION	Diffusion
009*	PALE AMBER GOLD	144	NO COLOUR BLUE	230	SUPER CORRECTION L.C.T. YELLOW	Correction	452	1/16 WHITE DIFFUSION	Diffusion
010*	MEDIUM YELLOW	147	APRICOT	232	SUPER WHITE FLAME GREEN	Correction	460	QUIET GRID CLOTH	Diffusion
013*	STRAW TINT	148	BRIGHT ROSE	236	H.M.I (TO TUNGSTEN)	Correction	462	QUIET LIGHT GRID CLOTH	Diffusion
015*	DEEP STRAW	151	GOLD TINT	237	C.I.D. (TO TUNGSTEN)	Correction	464	QUIET 1/4 GRID CLOTH	Diffusion
017	SURPRISE PEACH	152	PALE GOLD	238	C.S.I. (TO TUNGSTEN)	Correction	Serie 700 - Die Licht-Designer Kollektion		
019*	FIRE	153	PALE SALMON	239	POLARISER	Conversion	701	PROVENCE	
020*	MEDIUM AMBER	154	PALE ROSE	241	LEE FLUORESCENT 5700 K	Correction	702	SPECIAL PALE LAVENDER	
021*	GOLD AMBER	156	CHOCOLATE	242	LEE FLUORESCENT 4300 K	Correction	704	LILY	
022*	DARK AMBER	157	PINK	243	LEE FLUORESCENT 3600 K	Correction	705	LILY FROST	Coloured Frosts
024*	SCARLET	158	DEEP ORANGE	244	LEE PLUS GREEN	Correction	707*	ULTIMATE VIOLET	
025	SUNSET RED	159	NO COLOUR STRAW	245	1/2 PLUS GREEN	Correction	708	COOL LAVENDER	
026*	BRIGHT RED	161	SLATE BLUE	246	1/4 PLUS GREEN	Correction	709	ELECTRIC LILAC	
027*	MEDIUM RED	162	BASTARD AMBER	247	LEE MINUS GREEN	Correction	711	COLD BLUE	
029	PLASA RED	164	FLAME RED	248	1/2 MINUS GREEN	Correction	712	BEDFORD BLUE	
035*	LIGHT PINK	165	DAYLIGHT BLUE	249	1/4 MINUS GREEN	Correction	713*	J.WINTER BLUE	
036*	MEDIUM PINK	166	PALE RED	250	1/2 WHITE DIFFUSION	Diffusion	714	ELYSIAN BLUE	
039	PINK CARNATION	169	LILAC TINT	251	1/4 WHITE DIFFUSION	Diffusion	715*	CABANA BLUE	
046*	DARK MAGENTA	170	DEEP LAVENDER	252	1/8 WHITE DIFFUSION	Diffusion	716*	MIKKEL BLUE	
048	ROSE PURPLE	172*	LAGOON BLUE	253	HAMPSHIRE FROST	Diffusion	717	SHANKLIN FROST	
049	MEDIUM PURPLE	174	DARK STEEL BLUE	254	NEW HAMPSHIRE FROST	Diffusion	718	HALF SHANKLIN FROST	
052*	LIGHT LAVENDER	176	LOVING AMBER	255	HOLLYWOOD FROST	Diffusion	719	COLOUR WASH BLUE	
053*	PALER LAVENDER	179	CHROME ORANGE	256	1/2 HAMPSHIRE FROST	Diffusion	720	URHAM DAYLIGHT FROST	
058*	LAVENDER	180	DARK LAVENDER	257	1/4 HAMPSHIRE FROST	Diffusion	721*	BERRY BLUE	
061*	MIST BLUE	181*	CONGO BLUE	258	1/8 HAMPSHIRE FROST	Diffusion	722	BRAY BLUE	
063*	PALE BLUE	182	LIGHT RED	261	TOUGH SPUN FR - FULL	Diffusion	723	VIRGIN BLUE	
068	SKY BLUE	183	MOONLIGHT BLUE	262	TOUGH SPUN FR - 3/4	Diffusion	724	OCEAN BLUE	
071*	TOKYO BLUE	184	COSMETIC PEACH	263	TOUGH SPUN FR - 1/2	Diffusion	725	OLD STEEL BLUE	
075	EVENING BLUE	185	COSMETIC BURGUNDY	264	TOUGH SPUN FR - 3/8	Diffusion	728	STEEL GREEN	
079*	JUST BLUE	186	COSMETIC SILVER ROSE	265	TOUGH SPUN FR - 1/4	Diffusion	729*	SCUBA BLUE	
085*	DEEPER BLUE	187	COSMETIC ROUGE	269	LEE HEAT SHIELD	Protection	730	LIBERTY GREEN	
088	LIME GREEN	188	COSMETIC HIGHLIGHT	270	LEE SCRIM	Reflection	735	VELVET GREEN	
089*	MOSS GREEN	189	COSMETIC SILVER MOSS	271	MIRROR SILVER	Reflection	736	TWICKENHAM GREEN	
090*	DARK YELLOW GREEN	190	COSMETIC EMERALD	272	SOFT GOLD REFLECTOR	Reflection	738*	JAS GREEN	
100	SPRING YELLOW	191	COSMETIC AQUA BLUE	273	SOFT SILVER REFLECTOR	Reflection	744	DIRTY WHITE	
101	YELLOW	192	FLESH PINK	274	MIRROR GOLD	Reflection	746	BROWN	
102	LIGHT AMBER	193	ROSY AMBER	275	BLACK SCRIM	Reflection	747	EASY WHITE	
103	STRAW	194	SURPRISE PINK	278	1/8 PLUS GREEN	Correction	748	SEEDY PINK	
104	DEEP AMBER	195*	ZENITH BLUE	279	1/8 MINUS GREEN	Correction	749	HAMPSHIRE ROSE	Coloured Frosts
105	ORANGE	196	TRUE BLUE	280	BLACK FOIL	Protection	750	DURHAM FROST	
106	PRIMARY RED	197*	ALICE BLUE	281	3/4 C.T. BLUE	Conversion	763	WHEAT	
107	LIGHT ROSE	198	PALACE BLUE	285	3/4 C.T. ORANGE	Conversion	764	SUN COLOUR STRAW	
108	ENGLISH ROSE	199	REGAL BLUE	298	.15 NEUTRAL DENSITY	Conversion	765	LEE YELLOW	
109	LIGHT SALMON	200	DOUBLE C.T. BLUE	299	1.2 NEUTRAL DENSITY	Conversion	767	OKLAHOMA YELLOW	
110	MIDDLE ROSE	201	FULL C.T. BLUE	322	SOFT GREEN		770	BURNT YELLOW	
111	DARK PINK	202	1/2 C.T. BLUE	323	JADE		774	SOFT AMBER KEY 1	Coloured Frosts
113	MAGENTA	203	1/4 C.T. BLUE	325	MALLARD GREEN		775	SOFT AMBER KEY 2	Coloured Frosts
115*	PEACOCK BLUE	204	FULL C.T. ORANGE	327	FOREST GREEN		776	NECTARINE	
116*	MEDIUM BLUE-GREEN	205	1/2 C.T. ORANGE	328	FOLLIES PINK		777	RUST	
117	STEEL BLUE	206	1/4 C.T. ORANGE	332	SPECIAL ROSE PINK		778*	MILLENNIUM GOLD	
118*	LIGHT BLUE	207	FULL C.T. ORANGE + .3 NEUTRAL DENSITY	341	PLUM		779	BASTARD PINK	
119*	DARK BLUE	208	FULL C.T. ORANGE + .6 NEUTRAL DENSITY	343	SPECIAL MEDIUM LAVENDER		781	TERRY RED	
120*	DEEP BLUE	209	.3 NEUTRAL DENSITY	344	VIOLET		789	BLOOD RED	
121*	LEE GREEN	210	.6 NEUTRAL DENSITY	345	FUCHSIA PINK		790	MOROCCAN PINK	
122*	FERN GREEN	211	.9 NEUTRAL DENSITY	352	GLACIER BLUE		791	MOROCCAN FROST	Coloured Frosts
124*	DARK GREEN	212	L.C.T. YELLOW	353	LIGHTER BLUE		793	VANITY FAIR	
126	MAUVE	213	WHITE FLAME GREEN	354	SPECIAL STEEL BLUE		794	PRETTY 'N PINK	
127	SMOKEY PINK	214	FULL TOUGH SPUN	363*	SPECIAL MEDIUM BLUE		795	MAGICAL MAGENTA	
128	RIGHT PINK	215	1/2 TOUGH SPUN	366	CORNFLOWER		797*	DEEP PURPLE	
129	HEAVY FROST	216	WHITE DIFFUSION	400	LEELUX	Diffusion	798	CHRYSALIS PINK	
130	CLEAR	217	BLUE DIFFUSION	410	OPAL FROST	Diffusion	* auch in Hoch-Temperatur-Ausführung (HT) erhältlich		
131	MARINE BLUE	218	1/8 C.T. BLUE	416	3/4 WHITE DIFFUSION	Diffusion	<i>* also available in High Temperature (HT) version</i>		
132*	MEDIUM BLUE	219	LEE FLUORESCENT GREEN	420	LIGHT OPAL FROST	Diffusion			
134	GOLDEN AMBER	220	WHITE FROST	430	GRID CLOTH	Diffusion			
135	DEEP GOLDEN AMBER	221	BLUE FROST	432	LIGHT GRID CLOTH	Diffusion			
136	PALE LAVENDER	222	1/8 C.T. ORANGE	434	1/4 GRID CLOTH	Diffusion			
137	SPECIAL LAVENDER								
138	PALE GREEN								