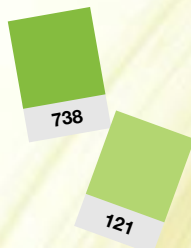


## numerical listing

002	ROSE PINK	117	STEEL BLUE	187	COSMETIC ROUGE
003	LAVENDER TINT	118*	LIGHT BLUE	188	COSMETIC HIGHLIGHT
004*	MEDIUM BASTARD AMBER	119*	DARK BLUE	189	COSMETIC SILVER MOSS
007*	PALE YELLOW	120*	DEEP BLUE	190	COSMETIC EMERALD
008*	DARK SALMON	121*	LEE GREEN	191	COSMETIC AQUA BLUE
009*	PALE AMBER GOLD	122*	FERN GREEN	192	FLESH PINK
010*	MEDIUM YELLOW	124*	DARK GREEN	193	ROSY AMBER
013*	STRAW TINT	126	MAUVE	194	SURPRISE PINK
015*	DEEP STRAW	127	SMOKEY PINK	195*	ZENITH BLUE
017	SURPRISE PEACH	128	BRIGHT PINK	196	TRUE BLUE
019*	FIRE	129	HEAVY FROST	197*	ALICE BLUE
020*	MEDIUM AMBER	130	CLEAR	198	PALACE BLUE
021*	GOLD AMBER	131	MARINE BLUE	199	REGAL BLUE
022*	DARK AMBER	132*	MEDIUM BLUE	200	DOUBLE CT BLUE
024*	SCARLET	134	GOLDEN AMBER	201	FULL CT BLUE
025	SUNSET RED	135	DEEP GOLDEN AMBER	202	1/2 CT BLUE
026*	BRIGHT RED	136	PALE LAVENDER	203	1/4 CT BLUE
027*	MEDIUM RED	137	SPECIAL LAVENDER	204	FULL CT ORANGE
029	PLASA RED	138	PALE GREEN	205	1/2 CT ORANGE
035*	LIGHT PINK	139*	PRIMARY GREEN	206	1/4 CT ORANGE
036*	MEDIUM PINK	140	SUMMER BLUE	207	FULL CT ORANGE + .3 NEUTRAL DENSITY
039	PINK CARNATION	141*	BRIGHT BLUE	208	FULL CT ORANGE + .6 NEUTRAL DENSITY
046*	DARK MAGENTA	142	PALE VIOLET	209	.3 NEUTRAL DENSITY
048	ROSE PURPLE	143	PALE NAVY BLUE	210	.6 NEUTRAL DENSITY
049	MEDIUM PURPLE	144	NO COLOUR BLUE	211	.9 NEUTRAL DENSITY
052*	LIGHT LAVENDER	147	APRICOT	212	LCT YELLOW
053*	PALER LAVENDER	148	BRIGHT ROSE	213	WHITE FLAME GREEN
058*	LAVENDER	151	GOLD TINT	214	FULL TOUGH SPUN
061*	MIST BLUE	152	PALE GOLD	215	1/2 TOUGH SPUN
063*	PALE BLUE	153	PALE SALMON	216	WHITE DIFFUSION
068	SKY BLUE	154	PALE ROSE	217	BLUE DIFFUSION
071*	TOKYO BLUE	156	CHOCOLATE	218	1/8 CT BLUE
075	EVENING BLUE	157	PINK	219	LEE FLUORESCENT GREEN
079*	JUST BLUE	158	DEEP ORANGE	220	WHITE FROST
085*	DEEPER BLUE	159	NO COLOUR STRAW	221	BLUE FROST
088	LIME GREEN	161	SLATE BLUE	223	1/8 CT ORANGE
089*	MOSS GREEN	162	BASTARD AMBER	224	DAYLIGHT BLUE FROST
090*	DARK YELLOW GREEN	164	FLAME RED	225	LEE N.D. FROST
100	SPRING YELLOW	165	DAYLIGHT BLUE	226	LEE U.V.
101	YELLOW	166	PALE RED	228	BRUSHED SILK
102	LIGHT AMBER	169	LILAC TINT	229	1/4 TOUGH SPUN
103	STRAW	170	DEEP LAVENDER	230	SUPER CORRECTION LCT YELLOW
104	DEEP AMBER	172*	LAGOON BLUE	232	SUPER WHITE FLAME GREEN
105	ORANGE	174	DARK STEEL BLUE	236	H.M.I (TO TUNGSTEN)
106	PRIMARY RED	176	LOVING AMBER	237	C.I.D. (TO TUNGSTEN)
107	LIGHT ROSE	179	CHROME ORANGE	238	C.S.I. (TO TUNGSTEN)
108	ENGLISH ROSE	180	DARK LAVENDER	239	POLARISER
109	LIGHT SALMON	181*	CONGO BLUE	241	LEE FLUORESCENT 5700 K
110	MIDDLE ROSE	182	LIGHT RED	242	LEE FLUORESCENT 4300 K
111	DARK PINK	183	MOONLIGHT BLUE	243	LEE FLUORESCENT 3600 K
113	MAGENTA	184	COSMETIC PEACH		
115*	PEACOCK BLUE	185	COSMETIC BURGUNDY		
116*	MEDIUM BLUE-GREEN	186	COSMETIC SILVER ROSE		

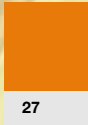
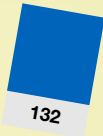
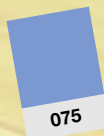




244 LEE PLUS GREEN  
 245 1/2 PLUS GREEN  
 246 1/4 PLUS GREEN  
 247 LEE MINUS GREEN  
 248 1/2 MINUS GREEN  
 249 1/4 MINUS GREEN  
 250 1/2 WHITE DIFFUSION  
 251 1/4 WHITE DIFFUSION  
 252 1/8 WHITE DIFFUSION  
 253 HAMPSHIRE FROST  
 254\*\* NEW HAMPSHIRE FROST  
 255 HOLLYWOOD FROST  
 256 1/2 HAMPSHIRE FROST  
 257 1/4 HAMPSHIRE FROST  
 258 1/8 HAMPSHIRE FROST  
 261 TOUGH SPUN FR - FULL  
 262 TOUGH SPUN FR - 3/4  
 263 TOUGH SPUN FR - 1/2  
 264 TOUGH SPUN FR - 3/8  
 265 TOUGH SPUN FR - 1/4  
 269 LEE HEAT SHIELD  
 270 LEE SCRIM  
 271 MIRROR SILVER  
 272 SOFT GOLD REFLECTOR  
 273 SOFT SILVER REFLECTOR  
 274 MIRROR GOLD  
 275 BLACK SCRIM  
 278 1/8 PLUS GREEN  
 279 1/8 MINUS GREEN  
 280 BLACK FOIL  
 281 3/4 CT BLUE  
 285 3/4 CT ORANGE  
 298 .15 NEUTRAL DENSITY  
 299 1.2 NEUTRAL DENSITY  
 322 SOFT GREEN  
 323 JADE  
 325 MALLARD GREEN  
 327 FOREST GREEN  
 328 FOLLIES PINK  
 332 SPECIAL ROSE PINK  
 341 PLUM  
 343 SPECIAL MEDIUM LAVENDER  
 344 VIOLET  
 345 FUCHSIA PINK  
 352 GLACIER BLUE  
 353 LIGHTER BLUE  
 354 SPECIAL STEEL BLUE  
 363\* SPECIAL MEDIUM BLUE  
 366 CORNFLOWER  
 400 LEELUX  
 402 SOFT FROST  
 404 HALF SOFT FROST

410 OPAL FROST  
 413 HALF HIGHLIGHT  
 414 HIGHLIGHT  
 416 3/4 WHITE DIFFUSION  
 420 LIGHT OPAL FROST  
 429 QUIET FROST  
 430 GRID CLOTH  
 432 LIGHT GRID CLOTH  
 434 1/4 GRID CLOTH  
 441 FULL CT STRAW  
 442 1/2 CT STRAW  
 443 1/4 CT STRAW  
 444 1/8 CT STRAW  
 450 3/8 WHITE DIFFUSION  
 452 1/16 WHITE DIFFUSION  
 460 QUIET GRID CLOTH  
 462 QUIET LIGHT GRID CLOTH  
 464 QUIET 1/4 GRID CLOTH  
 701 PROVENCE  
 702 SPECIAL PALE LAVENDER  
 704 LILY  
 705 LILY FROST  
 706 KING FALS LAVENDER  
 707\* ULTIMATE VIOLET  
 708 COOL LAVENDER  
 709 ELECTRIC LILAC  
 710 SPIR SPECIAL BLUE  
 711 COLD BLUE  
 712 BEDFORD BLUE  
 713\* J.WINTER BLUE  
 714 ELYSIAN BLUE  
 715\* CABANA BLUE  
 716\* MIKKEL BLUE  
 717 SHANKLIN FROST  
 718 HALF SHANKLIN FROST  
 719 COLOUR WASH BLUE  
 720 DURHAM DAYLIGHT FROST  
 721\* BERRY BLUE  
 722 BRAY BLUE  
 723 VIRGIN BLUE  
 724 OCEAN BLUE  
 725 OLD STEEL BLUE  
 728 STEEL GREEN  
 729\* SCUBA BLUE  
 730 LIBERTY GREEN  
 735 VELVET GREEN  
 736 TWICKENHAM GREEN  
 738\* JAS GREEN  
 740 AURORA BOREALIS GREEN  
 741 MUSTARD YELLOW  
 744 DIRTY WHITE  
 746 BROWN  
 747 EASY WHITE

748 SEEDY PINK  
 749 HAMPSHIRE ROSE  
 750 DURHAM FROST  
 763 WHEAT  
 764 SUN COLOUR STRAW  
 765 LEE YELLOW  
 767 OKLAHOMA YELLOW  
 770 BURNT YELLOW  
 773 CARDBOX AMBER  
 774 SOFT AMBER KEY 1  
 775 SOFT AMBER KEY 2  
 776 NECTARINE  
 777 RUST  
 778\* MILLENNIUM GOLD  
 779 BASTARD PINK  
 781 TERRY RED  
 787 MARIUS RED  
 789 BLOOD RED  
 790 MOROCCAN PINK  
 791 MOROCCAN FROST  
 793 VANITY FAIR  
 794 PRETTY 'N PINK  
 795 MAGICAL MAGENTA  
 797\* DEEP PURPLE  
 798 CHRYSALIS PINK  
 799 SPECIAL KH LAVENDER



# colour range

product	effect/colour	Transmission	Absorption	Chromaticity	Co-ordinates
		Y%		x	y
202 Half CTB	Converts tungsten to daylight.	54.9	0.26	0.261	0.273
061* Mist Blue	Night scenes, cool wash.	62.4	0.21	0.268	0.284
203 Quarter CTB	Converts tungsten to daylight.	69.2	0.16	0.285	0.294
218 Eighth CTB	Converts tungsten to daylight.	81.3	0.09	0.299	0.307
063* Pale Blue	Cool front light wash, good for creating an overcast look for cold weather.	54.4	0.26	0.252	0.270
174 Dark Steel Blue	Set lighting - creates good moonlight shadows.	30.0	0.52	0.204	0.205
161 Slate Blue	Pure medium blue. Good for skies, moonlight, dusk.	24.8	0.61	0.176	0.176
068 Sky Blue	Morning skin tones, night sky. Cyclorama lights.	13.4	0.87	0.151	0.128
132* Medium Blue	Deep moonlight. Great for colour mixing.	8.3	1.08	0.137	0.110
165 Daylight Blue	Moonlight.	20.0	0.70	0.159	0.158
141* Bright Blue	Very dramatic when used as moonlight.	18.6	0.75	0.129	0.159
196 True Blue	Moonlight.	26.6	0.57	0.175	0.197
143 Pale Navy Blue	Moonlight, cyclorama night effect.	16.2	0.79	0.170	0.205
352 Glacier Blue	Cold blue, good for cool atmospheric mood setting.	23.4	0.63	0.171	0.190
724 Ocean Blue	Useful at low levels of light, dull skies, - moonlight.	36.2	0.44	0.189	0.222
140 Summer Blue	Good for light midday sky. Light blue tinted wash.	41.4	0.38	0.201	0.245
117 Steel Blue	Good for cool washes. Adds a pale green tint. Great for emulating icy weather on stage.	54.7	0.26	0.223	0.278
725 Old Steel Blue	Cool wash, useful for highlights.	56.2	0.24	0.239	0.270
353 Lighter Blue	Daylight effects.	41.0	0.39	0.193	0.246
144 No Colour Blue	Clean blue with hints of green. Good for moonlight and side light.	32.4	0.49	0.183	0.228
118* Light Blue	Strong night effect.	22.2	0.65	0.149	0.113
183 Moonlight Blue	Moonlight, cycloramas.	18.7	0.73	0.128	0.168
172* Lagoon Blue	Floodlit warm wash - underwater scenes - ballet.	25.4	0.60	0.141	0.220
729* Scuba Blue	Used in musical performances for a rear colour wash, or set lighting.	8.7	1.06	0.110	0.241
116* Medium Blue-Green	Pleasing effect for theatrical lighting.	16.5	0.78	0.113	0.280

\* Also available in High Temperature (HT) version



product	effect/colour	Transmission	Absorption	Chromaticity Co-ordinates	
		Y%		x	y
		(Measured to source C, Correlated Colour Temperature of 6774K)			
354 Special Steel Blue	Cooling blue-green wash for stage and set lighting.	39.2	0.41	0.173	0.265
115* Peacock Blue	Pleasing effect on sets, cyclorama cloths, back lighting (e.g. ice rinks, galas, etc).	35.2	0.46	0.134	0.296
131 Marine Blue	Romantic moonlight - ballet - underwater scenes.	41.3	0.38	0.199	0.305
241 LEE Fluorescent 5700 Kelvin	Converts tungsten to fluorescent light of 5700K (cool white/daylight).	27.4	0.56	0.231	0.290
728 Steel Green	Approaching storms. Overcast days. Cold steely light. Malevolent moonlight.	45.9	0.33	0.256	0.302
730 Liberty Green	A good green for creating mystery and suspense.	67.5	0.17	0.277	0.330
243 LEE Fluorescent 3600 Kelvin	Converts tungsten to fluorescent light of 3600K (warm white).	45.7	0.34	0.286	0.370
242 LEE Fluorescent 4300 Kelvin	Converts tungsten to fluorescent light of 4300K (white).	37.3	0.43	0.262	0.346
219 LEE Fluorescent Green	General tungsten to fluorescent correction for use when fluorescent colour temp is unknown, to provide medium correction.	31.0	0.51	0.219	0.334
323 Jade	Use for underwater scenes, cycloramas, backlighting.	32.0	0.50	0.165	0.367
322 Soft Green	Cool green, use for gobo cover, pantomime, cycloramas.	38.3	0.42	0.201	0.364
325 Mallard Green	Good for mood setting, undergrowth.	7.7	1.11	0.112	0.412
735 Velvet Green	A beautiful background colour. Victorian melodrama. A night-time green.	11.5	0.93	0.103	0.536
124* Dark Green	Cycloramas - good for back lighting.	29.7	0.53	0.123	0.586
327 Forest Green	Deep green, sinister forest scenes, cycloramas, backlighting.	4.2	1.38	0.162	0.496
090* Dark Yellow Green	Highlighting for forest effects.	10.9	0.96	0.184	0.641
736 Twickenham Green	A powerful green with depth, for music or light entertainment.	7.2	1.14	0.175	0.740
740 Aurora Borealis Green	Primary jungle colour. Removes some red and blue. Works best with Daylight bulbs. Sodium lamp effect.	3.7	1.43	0.337	0.617
139* Primary Green	Set lighting, cycloramas.	11.9	0.92	0.196	0.712
089* Moss Green	Mood creator. Used with gobos, creates a great foliage effect.	29.8	0.53	0.259	0.547
122* Fern Green	Cycloramas - good for mood effect.	51.5	0.28	0.234	0.543
738* JAS Green	A rich yellowish green: useful as a concert stage wash where darker skin tones, costume and set are a consideration.	52.3	0.28	0.315	0.587
121* LEE Green	Dense foliage, tropical or woodlands effect.	64.0	0.20	0.302	0.534
088 Lime Green	Use with gobos for leafy glades - pantomimes - slightly sinister atmosphere.	70.9	0.15	0.356	0.511
138 Pale Green	Good with gobos for wooded scenes.	79.9	0.10	0.331	0.433

# colour range

product	effect/colour	Transmission	Absorption	Chromaticity	Co-ordinates
		Y%		x	y
<i>(Measured to source C, Correlated Colour Temperature of 6774K)</i>					
244 LEE Plus Green	Approximately equivalent to CC30 green.	74.2	0.12	0.324	0.388
213 White Flame Green	Corrects white flame carbon arcs by absorbing ultra violet.	80.0	0.10	0.317	0.359
245 Half Plus Green	Approximately equivalent to CC15 green.	81.7	0.08	0.319	0.355
246 Quarter Plus Green	Approximately equivalent to CC075 green.	84.6	0.07	0.315	0.337
278 Eighth Plus Green	Provides very slight green cast.	87.7	0.06	0.313	0.327
130 Clear	Used in animation and projection work.	95.0	0.02	0.311	0.317
226 LEE UV	Transmission of less than 50% at 410nms.	91.5	0.04	0.314	0.321
159 No Colour Straw	Warm effect, sunlight.	89.4	0.05	0.325	0.337
444 Eighth CT Straw	Converts 6500K to 5700K - daylight to tungsten light with yellow bias.	83.1	0.08	0.323	0.332
223 Eighth CTO	Converts daylight to tungsten light.	85.2	0.07	0.328	0.332
212 LCT Yellow (Y1)	Reduces colour temperature of low carbon arcs to 3200K.	88.7	0.05	0.340	0.363
007* Pale Yellow	Sunlight.	85.4	0.07	0.339	0.363
443 Quarter CT Straw	Converts 6500K to 5100K - daylight to tungsten light with yellow bias.	79.8	0.10	0.338	0.349
206 Quarter CTO	Converts daylight to tungsten light.	79.1	0.10	0.346	0.340
763 Wheat	Adds warmth, sunlight.	84.3	0.07	0.343	0.357
103 Straw	Pale sunlight through window effect - warm winter effect.	81.6	0.09	0.336	0.359
764 Sun Colour Straw	Adds warmth, bright sunlight.	80.5	0.09	0.365	0.380
442 Half CT Straw	Converts 6500K to 4300K - daylight to tungsten light with yellow bias.	71.2	0.15	0.370	0.378
205 Half CTO	Converts daylight to tungsten light.	70.8	0.15	0.374	0.364
162 Bastard Amber	Warm white, warm wash, lamplight.	77.7	0.11	0.348	0.328
009* Pale Amber Gold	Perfect warm front light for any skin tone.	71.1	0.15	0.376	0.371
765 LEE Yellow	Useful for producing a strong sunlight effect.	80.2	0.10	0.389	0.412
013* Straw Tint	Warmer than other straw colours. Good sunlight effect when used in contrast with ambers and blues.	72.1	0.14	0.392	0.392
285 Threequarters CTO	Converts daylight to tungsten light.	61.3	0.21	0.400	0.387
744 Dirty White	Correct a daylight source to an off white tungsten source. Used with a tungsten source provides a "dingy" effect like a smoky bar.	57.9	0.24	0.421	0.412

\* Also available in High Temperature (HT) version



product	effect/colour	Transmission	Absorption	Chromaticity	Co-ordinates
		Y%		x	y
		(Measured to source C, Correlated Colour Temperature of 6774K)			
204 Full CTO	Converts daylight to tungsten light.	55.4	0.26	0.437	0.392
441 Full CT Straw	Converts 6500K to 3200K - daylight to tungsten light with yellow bias.	57.3	0.24	0.426	0.407
236 HMI (to Tungsten)	Converts HMI to 3200K, for use with Tungsten film.	58.2	0.24	0.426	0.376
773 Cardbox Amber	Warm tint for skin tones.	60.2	0.22	0.400	0.351
108 English Rose	Warm tint wash - dark flesh tones - softer skin tones.	57.1	0.24	0.412	0.352
776 Nectarine	Romantic sunset. Period pieces.	52.9	0.27	0.424	0.368
147 Apricot	Sunrise, sunset, lamplight.	53.0	0.28	0.446	0.381
237 CID (to Tungsten)	Converts CID to 3200K, for use with tungsten film.	38.5	0.41	0.430	0.365
779 Bastard Pink	Deep sunset. Useful on dark skin tones.	38.8	0.41	0.501	0.336
008* Dark Salmon	Enhances dark skin tones, sunsets, ballroom sets.	35.4	0.45	0.498	0.347
017 Surprise Peach	Skin tones - mood light.	19.6	0.71	0.439	0.372
127 Smokey Pink	Cycloramas - set lighting, discos.	12.0	0.92	0.397	0.265
748 Seedy Pink	A smoky pink. Good for tungsten on skin tones.	14.4	0.84	0.373	0.263
238 CSI (to Tungsten)	Converts CSI to 3200K, for use with tungsten film.	29.8	0.53	0.372	0.331
747 Easy White	Primarily developed for fluorescents to ensure warm, comfortable light and flattering skin tones.	31.1	0.51	0.389	0.344
156 Chocolate	Warms light and reduces the intensity.	26.4	0.58	0.380	0.363
746 Brown	To give a murky, dirty feel to tungsten. A darker, less pink chocolate.	1.5	1.82	0.498	0.437
208 Full CTO +.6ND	Converts daylight to tungsten 6500K to 3200K and reduces light 2 stops.	15.6	0.81	0.442	0.394
207 Full CTO +.3ND	Converts daylight to tungsten 6500K to 3200K and reduces light 1 stop.	32.5	0.49	0.435	0.386
232 Super Correction W.F. Green to Tungsten	Converts white flame arc to 3200K, for use with tungsten film.	37.4	0.43	0.423	0.385
230 Super Correction LCT Yellow	Converts yellow carbon arc (of low colour temperature) to tungsten.	41.9	0.38	0.367	0.368
741 Mustard Yellow	Spooky when used in haze. Removes some red and blue. Works best with daylight bulbs. Sodium lamp effect.	3.3	1.48	0.506	0.491
100 Spring Yellow	Sunlight wash - use with gobos, disco, dark skin tones.	84.2	0.08	0.410	0.502
010* Medium Yellow	Pure bright yellow. Not good for acting areas but great for special effects and accents.	86.5	0.06	0.426	0.509
101 Yellow	Sunlight and window effect - pleasant in acting areas.	80.0	0.10	0.451	0.507

# colour range

product	effect/colour	Transmission	Absorption	Chromaticity	Co-ordinates
		Y%		x	y
102 Light Amber	Warm yellow colour. Great for candlelight or warm bright sunlight effects.	75.1	0.12	0.434	0.440
767 Oklahoma Yellow	A rich blend of bright sunshine and warm ochre overtones.	68.9	0.16	0.481	0.501
104 Deep Amber	Good for sunlight effect, accents, side light. Be careful of skin tones under the reddish tint of this colour.	63.9	0.20	0.496	0.462
015* Deep Straw	Warm amber light. Good for effects such as candlelight and fire.	60.8	0.22	0.517	0.460
179 Chrome Orange	Combination of 1/2 CTO and double strength 104, sunlight.	54.0	0.27	0.520	0.460
020* Medium Amber	Afternoon sunlight, candlelight, great side light.	50.7	0.30	0.523	0.419
770 Burnt Yellow	A colour that feels warm and dense on camera, a balance between 179 and 105.	47.7	0.32	0.545	0.447
105 Orange	Mainly light entertainment, functions. Fire effect if used with 106, 166, 104.	41.3	0.38	0.563	0.428
134 Golden Amber	Great for emulating a late in the day sunset. Side lighting, cyclorama lighting.	37.8	0.42	0.501	0.371
158 Deep Orange	Fire effect.	29.9	0.52	0.588	0.403
777 Rust	A vivid rust colour effect.	24.3	0.61	0.576	0.416
021* Gold Amber	Great for sunsets, cyclorama lighting and fire effects.	31.3	0.51	0.586	0.396
778* Millennium Gold	Useful for lighting architecture: it produces a rich amber when used on a tungsten source, or a much cooler effect when used on a HMI lamp.	27.3	0.56	0.606	0.382
022* Dark Amber	Backlight.	23.9	0.62	0.647	0.339
135 Deep Golden Amber	Fire effect.	19.5	0.71	0.667	0.326
025 Sunset Red	Warm stage wash, TV studio wash, sunset effect.	26.4	0.58	0.566	0.359
781 Terry Red	A strong amber red that works well when used against reds, and dark ambers, in wash combinations, and on cycloramas.	19.1	0.72	0.643	0.348
019* Fire	Strong red/amber. Good for fire effects.	18.9	0.72	0.664	0.310
164 Flame Red	Special effects and great for fire effects.	18.0	0.75	0.659	0.302
182 Light Red	Theatre and television effect lighting, cycloramas.	11.0	0.96	0.670	0.313
106 Primary Red	Strong red effect, cycloramas.	9.3	1.03	0.699	0.285
026* Bright Red	Vibrant red, good for cyclorama lighting.	8.6	1.06	0.712	0.281
029 PLASA Red	Fire effect, musicals, cycloramas.	5.8	1.24	0.693	0.303
789 Blood Red	For a deep saturated red effect. Used when a strong vivid red effect is required.	1.2	1.91	0.677	0.314
027* Medium Red	Cyclorama lighting, side lighting, footlights. Good for colour mixing.	3.6	1.44	0.712	0.261

(Measured to source C, Correlated Colour Temperature of 6774K)



product	effect/colour	Transmission	Absorption	Chromaticity	Co-ordinates
		Y%		x	y
787 Marius Red	Nice deep full red. Rose leaf colour.	1.0	2.00	0.714	0.283
046* Dark Magenta	Very strong pink, good for back lighting.	6.0	1.22	0.572	0.223
113 Magenta	Very strong - used carefully for small areas on set.	10.9	0.96	0.563	0.217
148 Bright Rose	Fire effects, musicals.	14.4	0.84	0.482	0.238
024* Scarlet	Pantomimes, ballroom sets, fire effects.	18.7	0.73	0.561	0.296
166 Pale Red	Cycloramas.	25.0	0.60	0.532	0.263
193 Rosy Amber	Warm, emotional, romantic.	36.0	0.44	0.473	0.279
157 Pink	Dance sequences (useful for softening white costumes without affecting skin tones).	36.4	0.44	0.457	0.272
107 Light Rose	Good for general washes. Good for followspots.	48.0	0.32	0.407	0.284
109 Light Salmon	Interesting backlight.	54.9	0.26	0.391	0.295
153 Pale Salmon	Backlighting in conjunction with white light.	64.9	0.19	0.362	0.303
176 Loving Amber	Backlight and general area, great for sunrise, warms skin tones.	50.2	0.30	0.407	0.321
790 Moroccan Pink	A rich natural pink, good for producing late afternoon sun effects.	58.1	0.24	0.378	0.324
004* Medium Bastard Amber	Naturally enhances skin tones.	64.1	0.19	0.370	0.335
151 Gold Tint	Pleasing effect for theatrical lighting.	69.4	0.16	0.361	0.321
152 Pale Gold	Interior lighting to enhance skin tones.	70.7	0.15	0.370	0.332
154 Pale Rose	Pleasing effect for theatrical lighting, lamplight.	73.4	0.14	0.350	0.318
279 Eighth Minus Green	Provides very slight magenta correction.	86.5	0.06	0.312	0.311
249 Quarter Minus Green	Approximately equivalent to CC075 magenta.	82.4	0.08	0.312	0.307
248 Half Minus Green	Approximately equivalent to CC15 magenta.	72.0	0.14	0.317	0.297
035* Light Pink	Musical reviews. Warm wash.	61.3	0.21	0.335	0.289
247 LEE Minus Green	Approximately equivalent to CC30 magenta.	57.8	0.22	0.325	0.279
039 Pink Carnation	Soft, cool pastel pink, good for backlighting and general colourwash.	60.2	0.22	0.320	0.268
110 Middle Rose	Pleasing effects for theatrical lighting.	47.5	0.32	0.351	0.249
036* Medium Pink	Good for general washes. Side lighting.	45.4	0.34	0.360	0.268



## colour range

product	effect/colour	Transmission Y%	Absorption	Chromaticity x y	Co-ordinates x y
192 Flesh Pink	Musical and pantomime key lighting.	34.9	0.46	0.410	0.237
341 Plum	Romantic, atmospheric set lighting.	19.4	0.71	0.309	0.256
794 Pretty 'n Pink	Creates warm and soft effects.	46.8	0.33	0.335	0.251
111 Dark Pink	Good for cycloramas.	31.9	0.50	0.389	0.215
002 Rose Pink	Strong pink wash cycloramas.	32.7	0.50	0.328	0.202
328 Follies Pink	Dramatic stage lighting.	21.6	0.67	0.335	0.180
128 Bright Pink	Created for use as back lighting, side lighting. Good for "specials". Great for musicals.	13.7	0.86	0.401	0.151
793 Vanity Fair	A rich glamorous pink, good for use on special occasions.	12.0	0.92	0.419	0.170
332 Special Rose Pink	Pantomimes, light entertainment etc. Strong stage wash.	10.5	0.98	0.465	0.193
795 Magical Magenta	Rich mixture of red and pinks.	13.1	0.88	0.327	0.138
048 Rose Purple	Good for emulating evening. Great backlight.	13.9	0.86	0.288	0.167
049 Medium Purple	A strong cheerful glow, for cycloramas and pantomimes.	4.5	1.35	0.287	0.102
126 Mauve	Good for back lighting. Dark magenta / purple adds drama, mood.	4.1	1.38	0.287	0.082
797* Deep Purple	Used in musical performances for general colour washes and set lighting.	2.3	1.65	0.235	0.065

(Measured to source C, Correlated Colour Temperature of 6774K)

\* Also available in High Temperature (HT) version

## coloured frosts

product	effect/colour	Transmission Y%	Absorption	Chromaticity X Y	Co-ordinates X Y
791# Moroccan Frost	Smooths PAR or flood washes of large areas. Useful for houselights; good for interior colour washes.	57.2	0.24	0.376	0.322
749# Hampshire Rose	Combines flesh tone warmer 154 with some Hampshire Frost.	74.0	0.13	0.339	0.318
774 Soft Amber Key 1	Used for producing a warm key light colour.	70.6	0.15	0.366	0.348
775 Soft Amber Key 2	Used for producing a warm key light colour.	58.4	0.23	0.409	0.363
705# Lily Frost	Smooths PAR or flood washes of large areas. Useful for houselights; a good colour wash for evening events.	38.5	0.42	0.264	0.217
720# Durham Daylight Frost	Smooths PAR or flood washes of large areas. Useful for houselights; good for entrances from natural light.	32.3	0.49	0.216	0.209
717# Shanklin Frost	201 with frost to soften the beam of profile units.	37.6	0.43	0.227	0.225
718# Half Shanklin Frost	202 with frost to soften the beam of profile units.	56.3	0.25	0.263	0.270

# Non-Flame Retardant product

## coloured frosts

product	effect/colour	Transmission	Absorption	Chromaticity	Co-ordinates
		Y%		x	y
221 Blue Frost	Used for soft light effects with the addition of 218.	42.0	0.38	0.312	0.316
217# Blue Diffusion	As White Diffusion but with the addition of 218.	36.0	0.44	0.312	0.317
224# Daylight Blue Frost	Used for soft light effects with the addition of tungsten correction 201.	22.6	0.65	0.235	0.219
225# Neutral Density Frost	Used for soft light effects with the addition of 0.6 Neutral Density.	25.0	0.60	0.318	0.326

# Non-Flame Retardant product

## cosmetic range

product	effect/colour	Transmission	Absorption	Chromaticity	Co-ordinates
		Y%		x	y
186 Cosmetic Silver Rose	Pale tints complementary to key lighting.	59.7	0.22	0.323	0.308
185 Cosmetic Burgundy	Pale tints complementary to key lighting.	57.7	0.24	0.324	0.319
187 Cosmetic Rouge	Pale tints complementary to key lighting.	58.8	0.23	0.336	0.328
188 Cosmetic Highlight	Pale tints complementary to key lighting.	66.3	0.18	0.330	0.327
184 Cosmetic Peach	Pale tints complementary to key lighting.	58.6	0.23	0.328	0.328
189 Cosmetic Silver Moss	Pale tints complementary to key lighting.	71.7	0.15	0.327	0.347
190 Cosmetic Emerald	Pale tints complementary to key lighting.	67.1	0.17	0.307	0.327
191 Cosmetic Aqua Blue	Pale tints complementary to key lighting.	65.8	0.18	0.300	0.318

# conversion chart

## How to use

Simply draw a line from the Colour Temperature value of your Original Light Source, to that of the required Source. Where the line crosses the central band, read off the Mired Shift value. For your convenience we have added both our Lighting and Camera Filters at their appropriate positions in relation to the Mired Shift Scale. The Lighting Filters are positioned on the left of the Mired Shift Scale, whilst the Camera Filters are on the right.

### Example 1 (Lighting Filter)

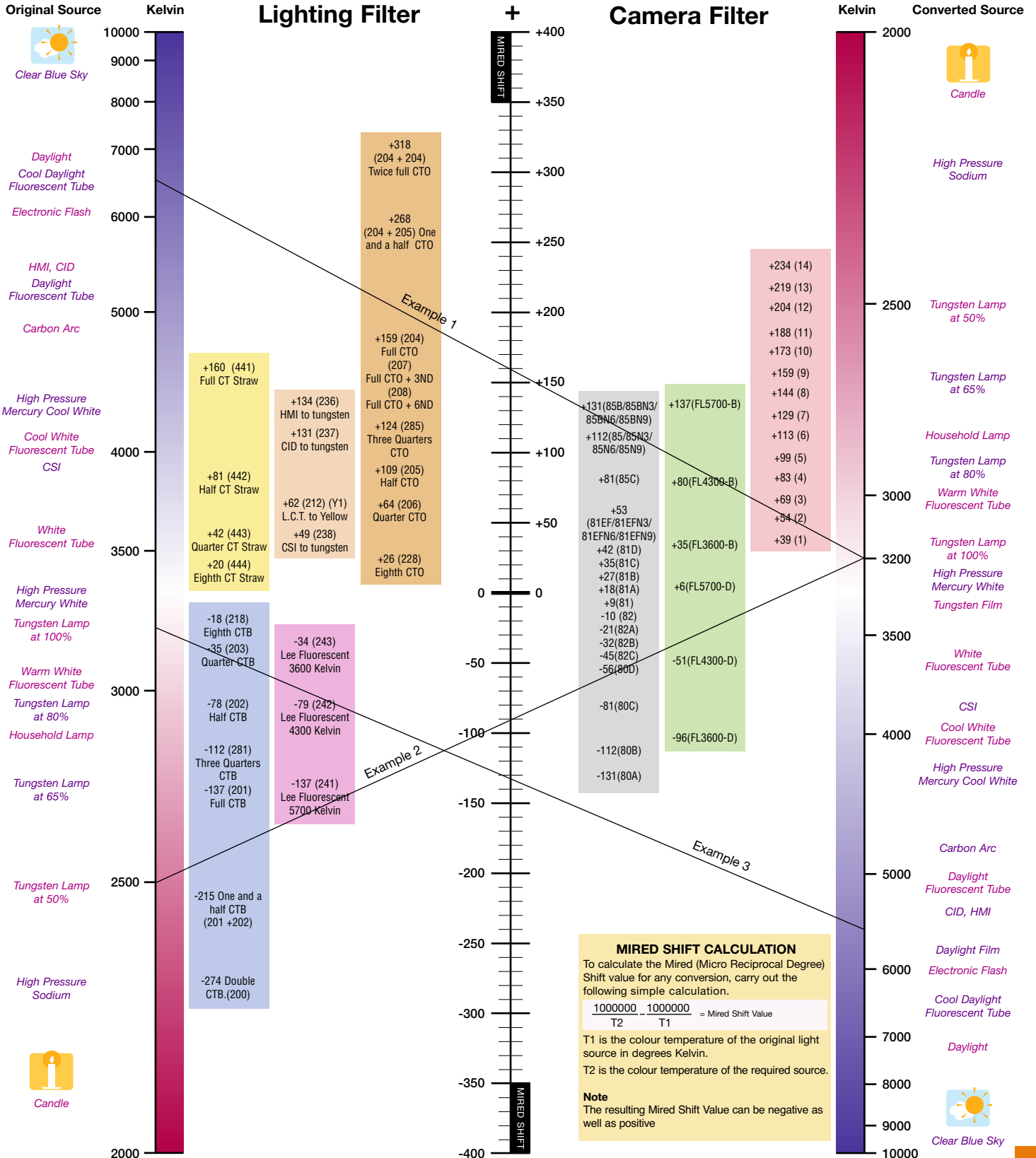
To convert an original source of 6500K to 3200K. The line has been drawn as an example. You will note that it crosses the central band at just over +150 Mired Shift. This indicates that the Filter required is 204 Full CTO (also available with two degrees of Neutral Density).

### Example 2 (Lighting Filter)

To convert an original source of 2500K to 3200K. You will note that the line crosses the central band at -90 Mired Shift. In this example the nearest filter is a 202 Half CTB with a Mired Shift of -78. To achieve the desired mired shift of -90 a combination of two filters can be used. 202 Half CTB (-78 Mired Shift) and 218 Eighth CTB (-18 Mired Shift). Combining these two filters together will give a total Mired Shift of -96 (which in most cases would be acceptable).

### Example 3 (Camera Filter)

To convert an original source of 3250K (tungsten light) to 5600k (daylight film) you can see that the line crosses the central band at -130 mired shift. This indicates that the camera filter required is an 80A (-131 Mired Shift).



**MIRED SHIFT CALCULATION**

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

$$\frac{1000000}{T_2} - \frac{1000000}{T_1} = \text{Mired Shift Value}$$

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

**Note**  
The resulting Mired Shift Value can be negative as well as positive

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

product	description	Transmission %	Stop value	Special Notes
<b>Non-Flame Retardant Frost</b>				
410 Opal Frost	Used for softening spotlight beam edges without altering shape (23 micron polyester base).	71	1/2	
420 Light Opal Frost	Similar characteristics to Opal Frost, but less diffuse (36 micron polyester base).	>85	<1/4	
258 Eighth Hampshire Frost	Extra Light frost effect.	>85	<1/4	
257 Quarter Hampshire Frost	Extra Light frost effect.	>85	<1/4	
256 Half Hampshire Frost	Extra Light frost effect.	>85	<1/4	
253 Hampshire Frost	Light frost effect.	>85	<1/4	
255 Hollywood Frost	Light frost effect - softens edges.	83	<1/3	
750 Durham Frost	A frost that almost completely softens shutter edges and removes hot spots.	>85	<1/4	
720 Durham Daylight Frost	Smooths PAR or flood washes of large areas. Useful for houselights; good for entrances from natural light.	32.3	1 <sup>2</sup> / <sub>3</sub>	Full CT Blue
717 Shanklin Frost	201 with frost to soften the beam of profile units.	37	1 <sup>1</sup> / <sub>2</sub>	Full CT Blue
718 Half Shanklin Frost	202 with frost to soften the beam of profile units.	56	3/4	Half CT Blue
705 Lily Frost	Smooths PAR or flood washes of large areas. Useful for houselights; a good colour wash for evening events.	38	1 1/3	Colour = 704
791 Moroccan Frost	Smooths PAR or flood washes of large areas. Useful for houselights; good for interior colour washes.	57	3/4	Colour = 790
749 Hampshire Rose	Combines flesh tone warmer 154 with some Hampshire Frost.	74	1/2	Colour = 154
224 Daylight Blue Frost	Used for soft light effects with the addition of tungsten correction 201.	22	2 <sup>1</sup> / <sub>4</sub>	Full CT Blue
225 Neutral Density Frost	Used for soft light effects with the addition of 0.6 Neutral Density.	25	2	.6 Neutral Density

### Grid Cloth

430 Grid Cloth		18	2 <sup>1</sup> / <sub>2</sub>	
432 Light Grid Cloth	A waterproof textile/fabric diffusion that is reinforced to allow it to be sewn or grommetted - ideal for attaching to large frames. Comes in three weights.	30	1 <sup>3</sup> / <sub>4</sub>	Rolls only 1.37m x 7.62m (54" x 25')
434 Quarter Grid Cloth		60	3/4	
460 Quiet Grid Cloth		15	2 <sup>3</sup> / <sub>4</sub>	
462 Quiet Light Grid Cloth	A textile/fabric diffusion that is reinforced to allow it to be sewn or grommetted - ideal for attaching to large frames, but that is quiet when used in windy conditions outdoors. Comes in three weights.	22.5	2 <sup>1</sup> / <sub>4</sub>	Rolls only 1.37m x 7.62m (54" x 25')
464 Quiet Quarter Grid Cloth		47.5	1	



product

description

Transmission % Stop value

Special Notes

**Non-Flame Retardant Diffusion**

product	description	Transmission %	Stop value	Special Notes
216	White Diffusion	36	1/2	Rolls also available in 1.52m (60") width
416	Three Quarter White Diffusion	50	1	
250	Half White Diffusion	60	3/4	Rolls also available in 1.52m (60") width
450	Three Eighth White Diffusion	63	2/3	
251	Quarter White Diffusion	80	1/3	Rolls also available in 1.52m (60") width
252	Eighth White Diffusion	>85	<1/4	
452	Sixteenth White Diffusion	>85	<1/4	
400	LEELux	36	1/2	A dense white diffuser used for soft light effects (125 micron polyester base).
217	Blue Diffusion	36	1/2	As White Diffusion but with the addition of Eighth CTB. 1/8 CT Blue
228	Brushed Silk	60	3/4	Directional soft light effect used for scattering light in one direction only.

**Tough Spun**

214	Full Tough Spun	18	2 1/2	
215	Half Tough Spun	36	1 1/2	Rolls only 7.62 x 1.22m (25' x 48")
229	Quarter Tough Spun	60	3/4	

product	description		Transmission %	Stop value	Special Notes
<b>Flame Retardant Frost</b>					
129	Heavy Frost	Strong diffuser, eliminates nearly all shadows.	25	2	
220	White Frost	Used for soft light effects.	39	1 <sup>1</sup> / <sub>3</sub>	
221	Blue Frost	Used for soft light effects with the addition of 218.	42	1 <sup>1</sup> / <sub>3</sub>	1/8 CT Blue
254	New Hampshire Frost	Used to soften the edges of spotlight beams, and to reduce the blue fringe.	>85	<1/4	HT only (For sizes see p10-11)
774	Soft Amber Key 1	Used for producing a warm key light colour.	71	1/2	
775	Soft Amber Key 2	Used for producing a warm key light colour.	58	3/4	

### Flexi Frosts

402	Soft Frost	A strong diffuser that creates a wide field of soft illumination but is very pliable to handle. Diffusion characteristics similar to 216, falls between 216 and 129.	12.0	3	Thickness 100 microns (4 thou)
429	Quiet Frost	A strong diffuser that creates a wide field of soft illumination but is thicker than the 402 product. Diffusion characteristics similar to 416.	18.4	2 <sup>1</sup> / <sub>2</sub>	Thickness 325 microns (13 thou)
404	Half Soft Frost	A useful diffuser without too much light loss but very pliable to handle. Diffusion characteristics fall between 251 and 252.	36.2	1 <sup>1</sup> / <sub>2</sub>	Thickness 100 microns (4 thou)
414	Highlight	A useful diffuser without too much light loss in a thick format. Diffusion characteristics similar to 252.	39.6	1 <sup>1</sup> / <sub>3</sub>	Thickness 300 microns (12 thou)
413	Half Highlight	A strong frost effect that completely softens the edges of a spotlight beam. Diffusion characteristics similar to 750, falls between 750 and 253.	84.1	1/4	Thickness 300 microns (12 thou)

Advantages of this material are the large roll width; lack of noise when handled or used in windy conditions; waterproof for use outdoors, can be sewn or grommetted together for use on large frames; flame retardant.

1.52m width, 6.10m length, (60" x 20')

### Tough Spun

261	Tough Spun FR - Full		25	2	
262	Tough Spun FR - 3/4		32	1 <sup>2</sup> / <sub>3</sub>	
263	Tough Spun FR - 1/2	Non yellowing flame retardant spun polyester material in five densities to give better light control.	41	1 <sup>1</sup> / <sub>3</sub>	Rolls only 7.62 x 1.22m (25' x 4')
264	Tough Spun FR - 3/8		50	1	
265	Tough Spun FR - 1/4		60	3/4	