

МОСКВА, ТРОИЦК



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№ s/n	Foto of branches	Tree height, m	Model Number	Diameter of the lower level of branches	Number of branches, PCs.	Carcass weight and branches, kg	Total volume, m³.	Price per piece, rub.		Weight of loading block, kg
								Indoor	outdoor	
Tree model "RUSSIAN", FIR branches of PVC-film										
1		5.135	SRk-05.135	1.93	120	248	1.02	89 513	92 978	510
2		7.00	SRk-07.000	2.66	224	437	1.99	157 080	162 322	1020
3		8.865	SRk-08.865	3.38	360	668	3.15	239 707	246 263	1700
4		10.73	SRk-10.730	4.11	536	1070	4.81	375 331	400 032	2550
5		12.595	SRk-12.595	4.83	744	1478	6.74	510 714	535 414	4250
6		14.46	SRk-14.460	5.56	984	1928	8.92	666 688	686 103	6460
7		16.325	SRk-16.325	6.28	1256	2423	11.36	838 305	857 720	9180
8		18.19	SRk-18.190	7.01	1576	3236	14.33	1 098 224	1 137 054	11050
9		20.055	SRk-20.055	7.74	1896	4018	17.26	1 340 691	1 379 521	13600
10		21.92	SRk-21.920	8.46	2280	4871	20.65	1 608 893	1 686 559	17510
11		23.785	SRk-23.785	9.19	2664	5756	24.28	1 883 156	1 960 822	21420
12		25.65	SRk-25.650	9.91	3112	6698	28.30	2 183 137	2 260 803	26095
Fir "RUSSIAN" MIXED PVC branches Twine and films										
13		5.135	FRk-05.135	1.93	120	271	1.87	97 416	101 063	510
14		7.00	FRk-07.000	2.66	224	483	3.69	171 303	176 825	1020
15		8.865	FRk-08.865	3.38	360	739	5.70	261 899	268 796	1700
16		10.73	FRk-10.730	4.11	536	1176	8.63	409 343	435 342	2550
17		12.595	FRk-12.595	4.83	744	1625	12.00	557 381	583 385	4250
18		14.46	FRk-14.460	5.56	984	2122	15.88	727 947	748 385	6460
19		16.325	FRk-16.325	6.28	1256	2670	20.27	915 833	936 271	9180
20		18.19	FRk-18.190	7.01	1576	3546	25.62	1 197 944	1 238 820	11050
21		20.055	FRk-20.055	7.74	1896	4393	30.93	1 461 680	1 502 556	13600
22		21.92	FRk-21.920	8.46	2280	5320	36.78	1 754 220	1 835 972	17510
23		23.785	FRk-23.785	9.19	2664	6280	43.12	2 053 128	2 134 880	21420
24		25.65	FRk-25.650	9.91	3112	7310	50.36	2 380 813	2 462 565	26095
Pine "Russian", PINE branches from PVC-scaffold										
25		5.135	PRk-05.135	1.93	120	295	1.87	107 459	111 287	510
26		7.00	PRk-07.000	2.66	224	527	3.69	189 519	195 316	1020
27		8.865	PRk-08.865	3.38	360	811	5.70	290 505	297 754	1700
28		10.73	PRk-10.730	4.11	536	1283	8.63	452 903	480 211	2550
29		12.595	PRk-12.595	4.83	744	1774	12.00	617 309	644 617	4250
30		14.46	PRk-14.460	5.56	984	2319	15.88	806 751	828 207	6460
31		16.325	PRk-16.325	6.28	1256	2922	20.27	1 015 751	1 037 207	9180
32		18.19	PRk-18.190	7.01	1576	3862	25.62	1 325 753	1 368 675	11050
33		20.055	PRk-20.055	7.74	1896	4772	30.93	1 616 472	1 659 389	13600
34		21.92	PRk-21.920	8.46	2280	5776	36.78	1 940 180	2 026 019	17510
35		23.785	PRk-23.785	9.19	2664	6813	43.12	2 270 582	2 356 420	21420
36		25.65	PRk-25.650	9.91	3112	7933	50.36	2 633 961	2 719 800	26095

Tree Model "RUSSIAN"- consists of a new steel frame (SWD) of a general use with many rigid links: horizontal, vertical and diagonal. Between the sloping bars the arc pipes are mounted, that form the floors for branches, which are placed upward at an angle. The metal parts are covered with sprayed anti-corrosion coating, branch fir is non-inflammable frost resistant.

№ s/n	Foto of branches	Tree height, m	Model Number	Diameter of the lower level of branches	Number of branches, PCs.	Carcass weight and branches, kg	Total volume, m³.	Price per piece, rub.		Weight of loading block, kg
								Indoor	outdoor	
Spruce "Legend", branches of FIR from PVC-film										
1		4.635	SLk-04.635	1.57	100	240	0.93	84 112	87 577	510
2		6.50	SLk-06.500	2.30	196	426	1.81	149 925	155 166	1020
3		8.365	SLk-08.365	3.02	324	654	3.06	231 033	237 589	1700
4		10.23	SLk-10.230	3.75	488	1051	4.63	364 177	388 883	2550
5		12.095	SLk-12.095	4.47	688	1456	6.46	498 575	523 276	4250
6		13.96	SLk-13.960	5.20	920	1903	8.56	653 796	673 211	6460
7		15.825	SLk-15.825	5.92	1184	2394	11.09	824 896	844 311	9180
8		17.69	SLk-17.690	6.65	1496	3204	13.96	1 084 644	1 123 480	11050
9		19.555	SLk-19.555	7.37	1816	3986	16.90	1 329 460	1 368 290	13600
10		21.42	SLk-21.420	8.10	2184	4833	20.29	1 595 457	1 673 122	17510
11		23.285	SLk-23.285	8.82	2568	5717	23.82	1 872 536	1 950 196	21420
12		25.15	SLk-25.150	9.55	3000	6653	27.74	2 170 773	2 248 439	26095
Fir "Legend", branches MIXED lines and PVC films										
13		4.635	FLk-04.635	1.57	100	263	1.87	91 212	94 859	510
14		6.50	FLk-06.500	2.30	196	470	3.34	163 053	168 575	1020
15		8.365	FLk-08.365	3.02	324	724	5.35	251 856	258 759	1700
16		10.23	FLk-10.230	3.75	488	1158	8.28	396 396	422 400	2550
17		12.095	FLk-12.095	4.47	688	1605	11.30	543 213	569 217	4250
18		13.96	FLk-13.960	5.20	920	2103	15.18	712 806	733 244	6460
19		15.825	FLk-15.825	5.92	1184	2652	19.57	899 971	920 409	9180
20		17.69	FLk-17.690	6.65	1496	3528	24.57	1 181 736	1 222 612	11050
21		19.555	FLk-19.555	7.37	1816	4381	29.88	1 447 996	1 488 872	13600
22		21.42	FLk-21.420	8.10	2184	5306	35.73	1 737 830	1 819 582	17510
23		23.285	FLk-23.285	8.82	2568	6274	42.07	2 039 758	2 121 510	21420
24		25.15	FLk-25.150	9.55	3000	7303	48.96	2 365 248	2 447 000	26095
Pine "Legend", PINE branches from PVC-scaffold										
25		4.635	PLk-04.635	1.57	100	283	1.87	100 276	104 104	510
26		6.50	PLk-06.500	2.30	196	509	3.34	180 037	185 834	1020
27		8.365	PLk-08.365	3.02	324	789	5.35	279 048	286 292	1700
28		10.23	PLk-10.230	3.75	488	1256	8.28	438 196	465 498	2550
29		12.095	PLk-12.095	4.47	688	1742	11.30	601 365	628 667	4250
30		13.96	PLk-13.960	5.20	920	2287	15.18	789 888	811 349	6460
31		15.825	PLk-15.825	5.92	1184	2889	19.57	998 305	1 019 761	9180
32		17.69	PLk-17.690	6.65	1496	3827	24.57	1 308 214	1 351 130	11050
33		19.555	PLk-19.555	7.37	1816	4744	29.88	1 602 194	1 645 116	13600
34		21.42	PLk-21.420	8.10	2184	5743	35.73	1 923 097	2 008 941	17510
35		23.285	PLk-23.285	8.82	2568	6788	42.07	2 257 426	2 343 264	21420
36		25.15	PLk-25.150	9.55	3000	7903	48.96	2 618 649	2 704 488	26095

Supporting carcass SWD of a Christmas tree is a spatial steel structure with a conical surface without a central pillar and hollow inside. All parts of the SWD carcass are manufactured on the CNC machines, laser and plasma cutting units. Bent parts are manufactured by tested moulds on the special technological tooling. Welding is done in rigid welding moulds. All this allows to get the most important advantage - ttha is almost an ideal fit of a tree frame. Optimally chosen design-based materials, calculated loads, weights of individual parts and assemblies allow you to quickly and securely mount the metal frame, even without the use of lifting equipment. For offset compensation of wind impacts the anchor hooks are provided to to fasten a frame to a solid monolithic surface, or special load bricks are put on basement bars to prevent a frame from over-turning, which are a part of a shipment. The strength of the SWD frame allows the mounting of a sufficiently large number of decorative and lighting elements. The presence of additionally developed structural parts and components allow to change the configuration of the outer contour of the tree - like "skirt" design, the extension of the cone at the bottom or create vertical protruding ribs.

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№ s/n	Design Outlook	Tree height, m	Model Number	Price for Light Decoration Set "STAR TWINKLE" (depends on the light bulbs colour), rub.								Number of LEDs, pcs.	Price for "Chameleon" color (RWB), rub.	Number of LED (RWB), pcs.
				Red (-R)	Orange (-O)	Yellow (-Y)	Green (-G)	Blue (-B)	Purple (-P)	White (-W)	Gold (-G)			
1		5.135	LLST-05.135	28 281	32 516	28 281	32 318	30 052	33 726	32 318	33 726	720	75 229	2 160
2		7.00	LLST-07.000	56 551	65 021	56 551	64 636	60 093	67 441	64 636	67 441	1 440	150 447	4 320
3		8.865	LLST-08.865	74 107	86 416	74 107	85 382	79 673	88 847	85 382	88 847	2 160	205 381	6 480
4		10.73	LLST-10.730	131 934	151 712	131 934	150 810	140 217	157 344	150 810	157 344	3 360	351 043	10 080
5		12.595	LLST-12.595	179 047	205 887	179 047	204 677	190 300	213 532	204 677	213 532	4 560	476 410	13 680
6		14.46	LLST-14.460	220 264	256 476	220 264	253 528	235 928	263 164	253 528	263 164	6 000	601 260	18 000
7		16.325	LLST-16.325	261 283	302 863	261 283	300 014	279 532	312 554	300 014	312 554	7 200	711 645	21 600
8		18.19	LLST-18.190	348 381	403 821	348 381	400 015	372 702	416 735	400 015	416 735	9 600	948 860	28 800
9		20.055	LLST-20.055	409 299	478 830	409 299	474 705	438 801	495 924	474 705	495 924	11 700	1 145 254	35 100
10		21.92	LLST-21.920	491 161	574 596	491 161	569 646	526 559	595 111	569 646	595 111	14 040	1 374 296	42 120
11		23.785	LLST-23.785	593 945	691 284	593 945	685 509	635 250	715 220	685 509	715 220	16 380	1 666 137	49 140
12		25.65	LLST-25.650	680 537	791 780	680 537	785 180	727 738	819 137	785 180	819 137	18 720	1 909 380	56 160

LED lighting decoration set "STAR TWINKLE" - includes LED garlands on the rubber wire which are located on the Tree vertically and can be of different lengths (12, 15, 18, etc. meters depending on the height of the Tree), diodes are located on Garland with a 10 cm gap, each 5th led has a built-in controller. The location and length of the garlands are designed so that they evenly cover the surface of the Tree, creating a luminous background with "flicker" (FLASH). You can combine a set of different colors, creating segments on the surface of the Tree, or even locate garlands diagonally. Average density of light is: 50 LED/sq. m.

№ s/n	Design Outlook	Tree height, m	Model Number	Price per set Lighting "VIDEO ANIMATION" (depending on the color of light bulbs), rub.								LED quantity, PCs.	The price for the "chameleon" (RWB), rub.	LED quantity, PCs.
				Red (-R)	Orange (-O)	Yellow (-Y)	Green (-G)	Blue (-B)	Purple (-P)	White (-W)	Gold (-G)			
1		5.135	LLVA-05.135	81 312	87 670	81 312	87 384	83 974	89 485	87 384	89 485	1 080	167 530	3 240
2		7.00	LLVA-07.000	162 624	175 329	162 624	174 757	167 948	178 959	174 757	178 959	2 160	335 049	6 480
3		8.865	LLVA-08.865	186 516	204 996	186 516	203 423	194 876	208 637	203 423	208 637	3 240	410 124	9 720
4		10.73	LLVA-10.730	379 445	409 101	379 445	407 770	391 875	417 560	407 770	417 560	5 040	781 781	15 120
5		12.595	LLVA-12.595	514 954	555 214	514 954	553 399	531 828	566 687	553 399	566 687	6 840	1 060 983	20 520
6		14.46	LLVA-14.460	585 684	640 002	585 684	635 580	609 180	650 034	635 580	650 034	9 000	1 254 297	27 000
7		16.325	LLVA-16.325	698 269	760 639	698 269	756 360	725 626	775 170	756 360	775 170	10 800	1 490 335	32 400
8		18.19	LLVA-18.190	931 018	1 014 178	931 018	1 008 480	967 505	1 033 560	1 008 480	1 033 560	14 400	1 987 117	43 200
9		20.055	LLVA-20.055	987 712	1 092 003	987 712	1 085 821	1 031 965	1 117 644	1 085 821	1 117 644	17 550	2 218 997	52 650
10		21.92	LLVA-21.920	1 185 250	1 310 408	1 185 250	1 302 983	1 238 358	1 341 175	1 302 983	1 341 175	21 060	2 662 792	63 180
11		23.785	LLVA-23.785	1 413 533	1 559 547	1 413 533	1 550 879	1 475 485	1 595 440	1 550 879	1 595 440	24 570	3 198 811	73 710
12		25.65	LLVA-25.650	1 618 023	1 784 893	1 618 023	1 774 993	1 688 830	1 825 923	1 774 993	1 825 923	28 080	3 663 451	84 240

Led lighting "VIDEO ANIMATION"- this set includes LED garlands on the rubber wire located on the Tree vertically and can be of different lengths (12, 15, 18, etc. meters depending on the height of the Tree), diodes are located on Garland with a 10 cm gap. The location and length of the garlands are designed so that they evenly cover the surface of a tree. Each Garland in this lighting set is a separate "channel" and hence with the help of video controller a vertical dynamic can be created including gradient effects. In a set named "Chameleon" (three colors-one "pixel") in addition to this each color is controlled separately. Average density of light is: 75 LED/sq. m.

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№ s/n	Design Outlook	Tree height, m	Model Number	Price for Lighting Kit "100 LIGHTS" (depending on the color of the bulbs), rub.								LED quantity, PCs.	The price for the "chame- leon" (RWB), rub.	LED quantity, PCs.
				Red (-R)	Orange (-O)	Yellow (-Y)	Green (-G)	Blue (-B)	Purple (-P)	White (-W)	Gold (-G)			
1		5.135	LL100-05.135	106 040	116 633	106 040	116 149	110 473	119 647	116 149	119 647	1 800	251 603	5 400
2		7.00	LL100-07.000	186 450	206 217	186 450	205 326	194 733	211 860	205 326	211 860	3 360	451 638	10 080
3		8.865	LL100-08.865	292 523	324 302	292 523	322 872	305 844	333 366	322 872	333 366	5 400	715 055	16 200
4		10.73	LL100-10.730	415 602	462 209	415 602	460 097	435 127	475 497	460 097	475 497	7 920	1 028 170	23 760
5		12.595	LL100-12.595	564 410	628 672	564 410	625 768	591 338	646 987	625 768	646 987	10 920	1 404 876	32 760
6		14.46	LL100-14.460	739 167	823 911	739 167	820 083	774 675	848 067	820 083	848 067	14 400	1 845 789	43 200
7		16.325	LL100-16.325	931 194	1 039 247	931 194	1 034 363	976 470	1 070 036	1 034 363	1 070 036	18 360	2 337 247	55 080
8		18.19	LL100-18.190	1 149 236	1 283 414	1 149 236	1 277 353	1 205 457	1 321 661	1 277 353	1 321 661	22 800	2 893 110	68 400
9		20.055	LL100-20.055	1 393 502	1 556 632	1 393 502	1 549 262	1 461 856	1 603 140	1 549 262	1 603 140	27 720	3 514 027	83 160
10		21.92	LL100-21.920	1 655 324	1 850 233	1 655 324	1 841 433	1 736 999	1 905 794	1 841 433	1 905 794	33 120	4 186 325	99 360
11		23.785	LL100-23.785	1 943 436	2 172 951	1 943 436	2 162 589	2 039 609	2 238 379	2 162 589	2 238 379	39 000	4 923 864	117 000
12		25.65	LL100-25.650	2 258 058	2 524 995	2 258 058	2 512 939	2 369 906	2 601 093	2 512 939	2 601 093	45 360	5 727 293	136 080

Led lighting set "100 LIGHTS"- this set includes "maps" of incongruous shapes, "maps" consist of a LED garlands on the rubber wire (120 LED in one "map"), diodes are located on a Garland with a 10 cm gap. With these "light maps" a picture of any complexity can be drawn on a tree. Due to the evenly spread light density, the whole surface of a tree is lit evenly. Depending on a design "maps" are formed into channels which are controlled by the video controller. In a set "Chameleon" (three colors- one "pixel") in addition to this each color is controlled separately. Average density of light is: 125 LED/sq. m.

Led lighting sets "STAR TWINKLE", "VIDEO ANIMATION" and "100 lights" garlands on the silicone wire are used with LED 5 mm in diameter, waterproof, sealed with a protective milky Cap (diameter 8.5 mm), that makes the glow more even and visually increases the amount of light. The led supply voltage is 24V. Each Garland has its connector for switching, complex sets have additional switching wires, which are equipped with bayonet connectors for communication with control box. Each channel is protected from "short circuit", the control box in addition to the transformer, diode bridges, automatic circuit switchers, RCD and fuses is equipped with a heating and ventilation system, has a timer and can be used in a wide range of temperatures.

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№ s/n	Design Outlook	Tree height, m	Model Number	Price per set Lighting "Ring" (depending on the color of light bulbs), rub.								LED quantity, PCs.	The price for the "chameleon" (RWB), rub.	LED quantity, PCs.
				Red (-R)	Lemon (-Y)	Yellow (-Y)	Green (-G)	Blue (-B)	Purple (-P)	White (-W)	Gold (-G)			
1		5.135	LLR-05.135	84 073	84 073	84 073	86 218	84 997	84 073	86 405	84 073	51	152 273	153
2		7.00	LLR-07.000	135 564	135 564	135 564	139 920	137 434	135 564	140 294	135 564	99	255 002	297
3		8.865	LLR-08.865	193 776	193 776	193 776	201 124	196 922	193 776	201 762	193 776	163	376 596	489
4		10.73	LLR-10.730	257 884	257 884	257 884	268 939	262 625	257 884	269 896	257 884	241	514 800	723
5		12.595	LLR-12.595	328 702	328 702	328 702	344 267	335 368	328 702	345 598	328 702	335	671 869	1 005
6		14.46	LLR-14.460	405 834	405 834	405 834	426 657	414 755	405 834	428 439	405 834	444	846 670	1 332
7		16.325	LLR-16.325	489 269	489 269	489 269	516 098	500 764	489 269	518 397	489 269	568	1 039 203	1 704
8		18.19	LLR-18.190	579 414	579 414	579 414	613 052	593 835	579 414	615 934	579 414	708	1 250 601	2 124
9		20.055	LLR-20.055	675 466	675 466	675 466	716 606	693 099	675 466	720 137	675 466	862	1 478 598	2 586
10		21.92	LLR-21.920	778 228	778 228	778 228	827 684	799 425	778 228	831 919	778 228	1 032	1 725 471	3 096
11		23.785	LLR-23.785	887 304	887 304	887 304	945 813	912 373	887 304	950 829	887 304	1 216	1 990 065	3 648
12		25.65	LLR-25.650	1 002 683	1 002 683	1 002 683	1 071 004	1 031 965	1 002 683	1 076 856	1 002 683	1 416	2 272 402	4 248

Led Lighting "RING" - this set includes a garland belt light with led bulbs (bulbs are located with a gap of 30 cm or 40 cm). Normally garlands are located horizontally on the Tree (the cost calculation is done for this option), but there are other versions: with a shift (of two or three layers), or several layers, diagonally. This option is used if you want to emphasize certain lines. The length of belt-light garlands are calculated according to the design and the height of the tree. As each belt light garland is a separate "channel", using the video controller allows to create light dynamics including with gradient effects. In a set "Chameleon" (three colors - one "pixel") in addition to this, each color is controlled separately. Average density of light is: 3.5 mm LED-bulbs/sq.m.

Tree model "SUPERLIGHT" (based on "Legend" model, trees branches from PVC-film)													
№ s/n	Design Outlook	Tree height, m	Model Number	Number of branches, PCs	Cost of ate depending on the color of diodes, rub.							LED quantity, PCs.	Weight of loading block, kg
					Red (-R) +R	Orange (-O)+W	Gold (-G) +G	White (-W) +W	Blue (-B) +B	Purple (-P) +W	White (-W) All		
1		5.135	LSR-05.1	100	167 239	167 239	167 239	167 239	167 239	167 239	192 324	2 500	510
2		7.00	LSR-07.0	196	310 811	310 811	310 811	310 811	310 811	310 811	357 432	4 900	1020
3		8.865	LSR-08.9	324	495 710	495 710	495 710	495 710	495 710	495 710	570 066	8 100	1700
4		10.73	LSR-10.7	488	763 191	763 191	763 191	763 191	763 191	763 191	877 670	12 200	2550
4		12.595	LSR-12.6	688	1 059 487	1 059 487	1 059 487	1 059 487	1 059 487	1 059 487	1 218 410	17 200	4250
5		14.46	LSR-14.5	920	1 402 687	1 402 687	1 402 687	1 402 687	1 402 687	1 402 687	1 613 090	23 000	6460
6		16.325	LSR-16.3	1 184	1 787 572	1 787 572	1 787 572	1 787 572	1 787 572	1 787 572	2 055 707	29 600	9180
7		18.19	LSR-18.2	1 496	2 303 158	2 303 158	2 303 158	2 303 158	2 303 158	2 303 158	2 648 632	37 400	11050
7		20.055	LSR-20.1	1 816	2 808 806	2 808 806	2 808 806	2 808 806	2 808 806	2 808 806	3 230 127	45 400	13600
8		21.92	LSR-21.9	2 184	3 374 586	3 374 586	3 374 586	3 374 586	3 374 586	3 374 586	3 880 773	54 600	17510
9		23.785	LSR-23.8	2 568	3 964 103	3 964 103	3 964 103	3 964 103	3 964 103	3 964 103	4 558 718	64 200	21420
10		25.65	LSR-25.7	3 000	4 612 608	4 612 608	4 612 608	4 612 608	4 612 608	4 612 608	5 304 499	75 000	26095

LIGHT set "SUPERLIGHT" is a tree based on "LEGEND" model where every tree branch has a garland woven into it with LEDs (25 PCs.), a garland has a separate connector for switching. For "LIGHT" trees are LEDs with a diameter of 5 mm are used, waterproof, covered with frosted plastic cap (diameter 8.5 mm), which provides additional protection and makes the illumination more even and increases the amount of light, the supply voltage of LEDs is 24V. The light dynamics is performed by a FLASH effect (flickering)!

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№ s/n	Tree height, m	Design Outlook	Model Number	Price per set, rub.	Number of COMETS, PCs.	Design Outlook	Model Number	Price per set, rub.	Number of strobe, PCs.	Design Outlook	Model Number	Price per set, rub.	Number of GARLAND S, PCs.
Led Lighting "COMET"						Led Lighting "FLASH"				Led Lighting "METEOR"			
1	5.135		LLC-05.135	28 380	10		LLF-05.135	38 170	62		LLM-05.135	35 200	10
2	7.00		LLC-07.000	40 040	15		LLF-07.000	58 520	93		LLM-07.000	50 270	15
3	8.865		LLC-08.865	63 250	25		LLF-08.865	76 230	124		LLM-08.865	85 360	25
4	10.73		LLC-10.730	103 070	40		LLF-10.730	114 180	186		LLM-10.730	135 410	40
5	12.595		LLC-12.595	143 000	55		LLF-12.595	152 240	248		LLM-12.595	185 460	55
6	14.46		LLC-14.460	177 870	70		LLF-14.460	190 300	310		LLM-14.460	235 620	70
7	16.325		LLC-16.325	217 690	85		LLF-16.325	266 310	434		LLM-16.325	285 780	85
8	18.19		LLC-18.190	269 170	105		LLF-18.190	304 370	496		LLM-18.190	350 900	105
9	20.055		LLC-20.055	315 700	125		LLF-20.055	380 380	620		LLM-20.055	420 970	125
10	21.92		LLC-21.920	378 730	150		LLF-21.920	456 500	744		LLM-21.920	501 160	150
11	23.785		LLC-23.785	441 870	175		LLF-23.785	532 510	868		LLM-23.785	586 300	175
12	25.65		LLC-25.650	504 900	200		LLF-25.650	608 520	992		LLM-25.650	671 440	200

Led Lighting "COMET" - this set includes a double-sided transparent LED-tubes with a diameter of 25 mm (the number of LEDs in a tube is 108 pieces, white color). Each LED tube has an integrated controller, which operates in the a mode of "falling snowflake" (Snowfall). Tube working voltage is 24V and they are connected into garlands by using cords, garlands are located on the Tree randomly or in a special order. The average density of light is: **0,5 LED tube/sq.m.**

Led Lighting "FLASH" - this set includes a belt-light garland in a double-couting with sealed cartridge E27, where bulbs are mounted with a stroboscopic effect (bulbs are arranged with a gap of 40 cm, COLOR WHITE). Normally Tree is filled with lights evenly, but other variations are possible. The average density of light is: **2.5 bulbs/sq.m.**

Led Lighting "METEOR" - this set includes a 3D GARLAND with a large number of LEDs (minimum 140 pieces, white). Each 3D garland has a built-in controller that works in a "falling snowflake" mode (Snowfall). 3D garland working voltage 24V and are connected in few pieces using the Central cord, which is located on the Tree in a specific order or randomly. The average density of light is: **0,5 3D-garlands/sq.m.**

Led Lighting sets "COMET", "FLASH" and "METEOR" each garland is supplied with extension cable and bayonet connector for connection with the control Box. Each channel is protected against short circuits, the box in addition to transformers, diode bridges, automatic circuit breakers, RCD and fuse, is equipped with a system of ventilation and heating, has a timer and can be operated in a wide temperature range. The price of Lighting sets is calculated for LED white color. Other colors are possible - please inquire.

Control System Warranty - 5 years, Warranty for lighting - 3 years (subject to storage rules and recommendations for conducting local level).

Height 4,635 (5,135); 6,5 (7,0); 8,365 (8,865): - cost of SUPPORTS (optional) -7 670 rubles;

Height 10,23 (10,73); 12,095 (12,595); 13,96 (14,46) 15,825 (16,325): - cost of SUPPORTS (optional) -28 880 rubles;

Height 17,69 (18,19); 19,555 (20,055); 21,42 (21,92); 23,285 (23,785); 25,15 (25,65): - cost of SUPPORTS (optional) -95 000 rubles;

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№ п/п	Tree height, m	Design Outlook	Price for Tree (LED-RWB), rub.	LED quantity, PCs.	Design Outlook	Price for Tree (LED-RWB), rub.	LED quantity, PCs.	Design Outlook	Price for Tree (LED-RGB), rub.	LED quantity, PCs.	Weight of loading block, kg
Christmas trees "VIP Light" - (are trees based on model "RUSSIAN", branches from PVC-film)											
LIGHT Christmas tree "Chameleon"			LIGHT Christmas tree "Magic"			LIGHT Christmas tree "Million Lights"					
1	5.135		801 790	12 960		944 680	12 960		1 136 080	12 960	510
2	7.00		1 395 460	24 192		1 752 740	24 192		2 104 850	24 192	1020
3	8.865		2 144 010	38 880		2 800 820	38 880		3 357 530	38 880	1700
4	10.73		3 116 740	57 888		4 184 950	57 888		5 010 170	57 888	2550
5	12.595		4 234 120	80 352		5 805 140	80 352		6 947 270	80 352	4250
6	14.46		5 507 590	106 272		7 664 030	106 272		9 171 580	106 272	6460
7	16.325		6 939 130	135 648		9 767 890	135 648		11 684 860	135 648	9180
8	18.19		8 676 800	170 208		12 315 820	170 208		14 717 010	170 208	11050
9	20.055		10 404 900	204 768		14 848 130	204 768		17 733 650	204 768	13600
10	21.92		12 437 700	246 240		17 855 420	246 240		21 322 070	246 240	17510
11	23.785		14 480 290	287 712		20 866 670	287 712		24 914 340	287 712	21420
12	25.65		16 824 060	336 096		24 356 640	336 096		29 082 240	336 096	26095

Christmas trees "VIP Light" - are trees based on model "RUSSIAN", where every branch is equipped with separate garlands with LEDs, garlands have separate connectors for switching. Light dynamics control is made through the video controller, the number of effects is unlimited!

LIGHT Christmas tree "Chameleon" lights up with different colours due to interwoven garlands of three colors (144 LED per branch), any color combination is possible (3 colors out of 8), the lights are controlled by layers.

LIGHT Christmas tree "Magic" is lit by three colors and their shades (144 LED per branch), any color combination is possible (3 colors out of 8), each branch is equipped with a special controller unit which is used for the General light control of the Tree (a "cone-shaped tri-color screen").

LIGHT Christmas tree "Million Lights" shimmers like a rainbow due to the interwoven garlands-RGB (96 LED per branch), each branch is equipped with a special flow controller which is used for the General light control of the Tree (a "cone-shaped full color screen").

The price of "LIGHT" tree "Chameleon" and "Magic" depends on the color of LEDs selected (in the price list the price is given for LED: R, W and B), the other three colors the price is to be recalculated.

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Height 17,69 (18,19); 19,555 (20,055); 21,42 (21,92); 23,285 (23,785); 25,15 (25,65): - cost of SUPPORTS (optional) -95 000 rubles;

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№ s/n	Design Outlook	Tree height, m	Model Number	Christmas tree Model "LIGHT No. 1" (depending on the color of light bulbs), rub.								LED quantity, PCs.	Weight of loading block, kg
				Red (-R)	Orange (-O)	Yellow (-Y)	Green (-G)	Blue (-B)	Purple (-P)	White (-W)	Gold (-G)		
Christmas tree Model "LIGHT No. 1" is the tree based on a model "RUSSIAN", branches from PVC-film).													
1		5.135	ML1-05.135	405 020	405 240	405 020	405 680	405 680	408 210	405 680	405 900	4 320	510
2		7.00	ML1-07.000	686 290	686 730	686 290	687 500	687 500	692 340	687 500	687 940	8 064	1020
3		8.865	ML1-08.865	1 033 450	1 034 000	1 033 450	1 035 320	1 035 320	1 043 020	1 035 320	1 035 980	12 960	1700
4		10.73	ML1-10.730	1 495 340	1 496 330	1 495 340	1 498 200	1 498 200	1 509 750	1 498 200	1 499 190	19 296	2550
5		12.595	ML1-12.595	2 012 670	2 013 990	2 012 670	2 016 630	2 016 630	2 032 580	2 016 630	2 017 950	26 784	4250
6		14.46	ML1-14.460	2 595 890	2 597 650	2 595 890	2 601 170	2 601 170	2 622 290	2 601 170	2 602 930	35 424	6460
7		16.325	ML1-16.325	3 248 630	3 250 830	3 248 630	3 255 340	3 255 340	3 282 290	3 255 340	3 257 540	45 216	9180
8		18.19	ML1-18.190	4 072 200	4 075 060	4 072 200	4 080 670	4 080 670	4 114 440	4 080 670	4 083 530	56 736	11050
9		20.055	ML1-20.055	4 882 570	4 885 980	4 882 570	4 892 690	4 892 690	4 933 390	4 892 690	4 896 100	68 256	13600
10		21.92	ML1-21.920	5 821 970	5 826 040	5 821 970	5 834 180	5 834 180	5 883 130	5 834 180	5 838 250	82 080	17510
11		23.785	ML1-23.785	6 767 420	6 772 260	6 767 420	6 781 720	6 781 720	6 838 920	6 781 720	6 786 560	95 904	21420
12		25.65	ML1-25.650	7 835 190	7 840 690	7 835 190	7 851 800	7 851 800	7 918 570	7 851 800	7 857 410	112 032	26095

Christmas tree Model "LIGHT No. 1" is the tree based on a model "RUSSIAN", where every branch has a woven garland with LEDs (48 PCs.), garland has a separate connector for switching. For "LIGHT" trees LEDs with a diameter of 5 mm are used, waterproof, covered with frosted plastic cap (diameter 8.5 mm), which provides additional protection and makes the illumination more even and visually increases the amount of light, the supply voltage of LEDs is 24V. The light dynamics is controlled by the video controller, the number of effects is unlimited!

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Height 17,69 (18,19); 19,555 (20,055); 21,42 (21,92); 23,285 (23,785); 25,15 (25,65): - cost of SUPPORTS (optional) -95 000 rubles;

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№ s/n	Design Outlook	Tree height, m	Model Number	LIGHT "SPIRALS" (depending on the color of light bulbs), rub.								LED quantity, PCs.	Weight of loading block, kg
				Red (-R)	Orange (-O)	Yellow (-Y)	Green (-G)	Blue (-B)	Purple (-P)	White (-W)	Gold (-G)		
Apply for "LIGHT№. 1" (based on model Spruce "RUSSIAN", branches from PVC-film).													
1		5.135	LS2-05.135	131 230	131 340	131 230	131 450	131 450	132 220	131 450	131 560	1 296	510
2		7.00	LS2-07.000	206 360	206 470	206 360	206 690	206 690	208 120	206 690	206 800	2 304	1020
3		8.865	LS2-08.865	294 800	294 910	294 800	295 350	295 350	297 440	295 350	295 460	3 600	1700
4		10.73	LS2-10.730	396 440	396 660	396 440	397 210	397 210	400 290	397 210	397 430	5 184	2550
5		12.595	LS2-12.595	511 390	511 720	511 390	512 490	512 490	516 670	512 490	512 820	7 056	4250
6		14.46	LS2-14.460	639 650	640 090	639 650	641 080	641 080	646 580	641 080	641 520	9 216	6460
7		16.325	LS2-16.325	781 220	781 770	781 220	782 980	782 980	789 910	782 980	783 530	11 664	9180
8		18.19	LS2-18.190	942 040	942 810	942 040	944 240	944 240	952 930	944 240	945 010	14 544	11050
9		20.055	LS2-20.055	1 104 070	1 104 950	1 104 070	1 106 710	1 106 710	1 117 050	1 106 710	1 107 590	17 424	13600
10		21.92	LS2-21.920	1 291 510	1 292 610	1 291 510	1 294 700	1 294 700	1 307 130	1 294 700	1 295 690	20 880	17510
11		23.785	LS2-23.785	1 480 160	1 481 370	1 480 160	1 483 790	1 483 790	1 498 310	1 483 790	1 485 000	24 336	21420
12		25.65	LS2-25.650	1 694 110	1 695 540	1 694 110	1 698 400	1 698 400	1 715 340	1 698 400	1 699 830	28 368	26095

LIGHT "SPIRALS" is an ADDITIONAL DECORATION to the Christmas tree "LIGHT no 1", certain branches of which are equipped with additional garlands with led lights (48 PCs.), garland has a separate connector for switching. For "LIGHT "SPIRALS" LEDs with a diameter of 5 mm are used, waterproof, covered with frosted plastic cap (diameter 8.5 mm), which provides additional protection and makes the illumination more even and visually increases the amount of light, the supply voltage of LEDs is 24V. The light dynamics is controlled by the video controller, the number of effects is unlimited!

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