

VOLTAGE DROP CHARTS

Definition of max. cable length between control or converter, example HYDRA LD25.

At a product length of 3 ft / 1 m VarioLED™ Flex HYDRA LD25, a voltage drop of 0.85 V and a AWG of 22 (cable cross section of 0.34 mm²) the max. cable distance can be 26' / 7.8 m.

product length of 3 feet / 1 meter and allowing a voltage drop of 0.85 Volt

Cable length @	3 feet / 1 meter					
Product length	3 feet / 1 meter					
AWG	24	22	20	18	16	14
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	156 47.6	212 64.7	312 95.2	140 42.8	937 285.6	1,562 476.0
VarioLED™ Flex HYDRA LD5	94 28.6	127 38.8	187 57.1	281 85.7	562 171.4	937 285.6
VarioLED™ Flex HYDRA LD10	47 14.3	64 19.4	94 28.6	140 42.8	281 85.7	469 142.8
VarioLED™ Flex HYDRA LD15	31 9.5	42 12.9	62 19	94 28.6	187 57.1	312 95.2
VarioLED™ Flex HYDRA LD25	19 5.7	26 / 7.8	37 11.4	56 17.1	112.5 34.3	187 57.1
VarioLED™ Flex HYDRA LD40	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex HYDRA HD6 ¹	78 23.8	106 32.4	156 47.6	234 71.4	469 142.8	781 238
VarioLED™ Flex HYDRA HD10 ⁶	47 14.3	64 19.4	94 28.6	140 42.8	281 85.7	469 142.8
VarioLED™ Flex HYDRA HD15 ⁷	31 9.5	42 12.9	62 19	94 28.6	187 57.1	312 95.2
VarioLED™ Flex HYDRA HD25	19 5.7	26 7.8	37 11.4	56 17.1	113 34.3	187 57.1
VarioLED™ Flex HYDRA HD36	13 4.0	18 5.4	26 7.9	39 11.9	78 23.8	130 39.7
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹	117 35.7	160 48.6	234 71.4	351 107.1	703 214.2	1,171 357.0
VarioLED™ Flex ECO LD12	39 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119
VarioLED™ Flex ECO HD8 ^{8, 10, 11}	59 17.9	80 24.3	117 35.7	176 53.6	351 107.1	586 178.5
VarioLED™ Flex ECO HD24	19 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10	47 14.3	64 19.4	94 28.6	140 42.8	281 85.7	469 142.8
VarioLED™ Flex SIDE VIEW ECO HD20	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex IQ White						

Cable length @ product length of **3 feet / 1 meter** and allowing a voltage drop of 0.85 Volt

Product length	3 feet / 1 meter					
AWG	24	22	20	18	16	14
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	156 47.6	212 64.7	312 95.2	140 42.8	937 285.6	1,562 476.0
VarioLED™ Flex HYDRA LD5	94 28.6	127 38.8	187 57.1	281 85.7	562 171.4	937 285.6
VarioLED™ Flex HYDRA LD10	47 14.3	64 19.4	94 28.6	140 42.8	281 85.7	469 142.8
VarioLED™ Flex HYDRA LD15	31 9.5	42 12.9	62 19	94 28.6	187 57.1	312 95.2
VarioLED™ Flex HYDRA LD25	19 5.7	26 7.8	37 11.4	56 17.1	112.5 34.3	187 57.1
VarioLED™ Flex HYDRA LD40	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex HYDRA HD6 ¹	78 23.8	106 32.4	156 47.6	234 71.4	469 142.8	781 238
VarioLED™ Flex HYDRA HD10 ⁶	47 14.3	64 19.4	94 28.6	140 42.8	281 85.7	469 142.8
VarioLED™ Flex HYDRA HD15 ⁷	31 9.5	42 12.9	62 19	94 28.6	187 57.1	312 95.2
VarioLED™ Flex HYDRA HD25	19 5.7	26 7.8	37 11.4	56 17.1	113 34.3	187 57.1
VarioLED™ Flex HYDRA HD36	13 4.0	18 5.4	26 7.9	39 11.9	78 23.8	130 39.7
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹	117 35.7	160 48.6	234 71.4	351 107.1	703 214.2	1,171 357.0
VarioLED™ Flex ECO LD12	39 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119
VarioLED™ Flex ECO HD8 ^{8,10,11}	59 17.9	80 24.3	117 35.7	176 53.6	351 107.1	586 178.5
VarioLED™ Flex ECO HD24	19 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10	47 14.3	64 19.4	94 28.6	140 42.8	281 85.7	469 142.8
VarioLED™ Flex SIDE VIEW ECO HD20	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25	19 5.7	26 7.8	37 11.4	56 17.1	113 34.3	187 57.1
VarioLED™ Flex IQ W ATON HD12 ²	39 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119.0
VarioLED™ Flex IQ W ATON HD24	19 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex IQ W ATON HD42	11 3.4	15 4.6	22 6.8	34 10.2	67 20.4	112 34.0
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15	31 9.5	42 12.9	62 19	94 28.6	187 57.1	312 95.2
VarioLED™ Flex RGB HD10 ³	47 14.3	64 19.4	94 28.6	140 42.8	281 85.7	469 142.8
VarioLED™ Flex RGB HD20	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B	117 35.7	159 48.6	234 71.4	351 107.1	703 214.2	1,171 357.0
VarioLED™ Flex ECO LD4 G	117 35.7	159 48.6	234 71.4	351 107.1	703 214.2	1,171 357.0
VarioLED™ Flex ECO HD8 B ⁴	59 17.9	80 24.3	117 35.7	176 53.6	351 107.1	586 178.5
VarioLED™ Flex ECO HD8 G ⁵	59 17.9	80 24.3	117 35.7	176 53.6	351 107.1	586 178.5

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Cable length @ product length of **7 feet / 2 meter** and allowing a voltage drop of 0.85 Volt

Product length	7 feet / 2 meter					
	24	22	20	18	16	14
AWG						
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	78 23.8	106 32.4	156 47.6	234 71.4	469 142.8	781 238.0
VarioLED™ Flex HYDRA LD5	47 14.3	64 19.4	94 28.6	140 42.8	181 55.7	469 142.8
VarioLED™ Flex HYDRA LD10	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex HYDRA LD15	16 4.8	21 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex HYDRA LD25	10 2.9	13 3.9	19 5.7	28 8.6	56 17.1	94 28.6
VarioLED™ Flex HYDRA LD40	6 1.8	8 2.4	12 3.6	18 5.4	35 10.7	59 17.9
VarioLED™ Flex HYDRA HD6 ¹	39 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119.0
VarioLED™ Flex HYDRA HD10 ⁶	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex HYDRA HD15 ⁷	16 4.8	21 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex HYDRA HD25	10 2.9	13 3.9	19 5.7	28 8.6	56 17.1	94 28.6
VarioLED™ Flex HYDRA HD36	6.6 2.0	9 2.7	13 4.0	20 6.0	39 11.9	65 19.8
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹	59 17.9	80 24.3	117 35.7	176 53.6	351 107.1	586 178.5
VarioLED™ Flex ECO LD12	20 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex ECO HD8 ^{8,10,11}	29 8.9	40 12.1	59 17.9	88 26.8	176 53.6	293 89.3
VarioLED™ Flex ECO HD24	10 3.0	13 4.0	20 6.0	29 8.9	59 17.9	98 29.8
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex SIDE VIEW ECO HD20	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25	10 2.9	13 3.9	19 5.7	28 8.6	56 17.1	94 28.6
VarioLED™ Flex IQ W ATON HD12 ²	20 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex IQ W ATON HD24	10 3.0	13 4.0	20 6.0	29 8.9	59 17.9	98 29.8
VarioLED™ Flex IQ W ATON HD42	6 1.7	8 2.3	11 3.4	17 5.1	34 10.2	56 17.0
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15	16 4.8	21.3 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex RGB HD10 ³	23 7.1	31.8 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex RGB HD20	12 3.6	16.1 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B	59 17.9	80 24.3	117 35.7	176 53.6	351 107.1	586 178.5
VarioLED™ Flex ECO LD4 G	59 17.9	80 24.3	117 35.7	176 53.6	351 107.1	586 178.5
VarioLED™ Flex ECO HD8 B ⁴	29 8.9	40 12.1	59 17.9	88 26.8	176 53.6	293 89.3
VarioLED™ Flex ECO HD8 G ⁵	29 8.9	40 12.1	59 17.9	88 26.8	176 53.6	293 89.3

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Cable length @ product length of **10 feet / 3 meter** and allowing a voltage drop of 0.85 Volt

Product length	10 feet / 3 meter					
	24	22	20	18	16	14
AWG						
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	52 15.9	71 21.6	104 31.7	156 47.6	312 95.2	521 158.7
VarioLED™ Flex HYDRA LD5	31 9.5	42 12.9	62 19	94 28.6	187 57.1	312 95.2
VarioLED™ Flex HYDRA LD10	16 4.8	21 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex HYDRA LD15	11 3.2	14 4.3	21 6.3	31 9.5	62 19.0	104 31.7
VarioLED™ Flex HYDRA LD25	6 1.9	9 2.6	13 3.8	19 5.7	38 11.4	62 19.0
VarioLED™ Flex HYDRA LD40						
VarioLED™ Flex HYDRA HD6 ¹	26 7.9	35 10.8	52 15.9	78 23.8	156 47.6	260 79.3
VarioLED™ Flex HYDRA HD10 ⁶	16 4.8	21 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex HYDRA HD15 ⁷	11 3.2	14 4.3	21 6.3	31 9.5	62 19.0	104 31.7
VarioLED™ Flex HYDRA HD25	6 1.9	9 2.6	16 3.8	19 5.7	38 11.4	62 19.0
VarioLED™ Flex HYDRA HD36						
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹	40 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119.0
VarioLED™ Flex ECO LD12	13 4.0	18 5.4	26 7.9	39 11.9	78 23.8	130 39.7
VarioLED™ Flex ECO HD8 ^{8,10,11}	20 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex ECO HD24	7 2.0	9 2.7	13 4.0	20 6.0	39 11.9	65 19.8
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10	16 4.8	21 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex SIDE VIEW ECO HD20	7 2.0	10 3.0	16 5.0	23 7.0	46 14.0	79 24.0
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25	6 1.9	9 2.6	13 3.8	19 5.7	38 11.4	62 19.0
VarioLED™ Flex IQ W ATON HD12 ²	13 4.0	18 5.4	26 7.9	39 11.9	78 23.8	130 39.7
VarioLED™ Flex IQ W ATON HD24	7 2.0	9 2.7	13 4.0	20 6.0	39 11.9	65 19.8
VarioLED™ Flex IQ W ATON HD42						
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15	11 3.2	14 4.3	21 6.3	31 9.5	62 19.0	104 31.7
VarioLED™ Flex RGB HD10 ³	16 4.8	21 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex RGB HD20	8 2.4	11 3.2	16 4.8	23 7.1	47 14.3	78 23.8
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B	39 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119
VarioLED™ Flex ECO LD4 G	39 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119
VarioLED™ Flex ECO HD8 B ⁴	20 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex ECO HD8 G ⁵	20 6.0	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5

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Cable length @ product length of **13 feet / 4 meter** and allowing a voltage drop of 0.85 Volt

Product length	13 feet / 4 meter					
AWG	24	22	20	18	16	14
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	39 11.9	53 16.2	78 23.8	117 35.7	234 71.4	390 119
VarioLED™ Flex HYDRA LD5	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex HYDRA LD10	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex HYDRA LD15	8 2.4	11 3.2	16 4.8	23 7.1	47 14.3	78 23.8
VarioLED™ Flex HYDRA LD25						
VarioLED™ Flex HYDRA LD40						
VarioLED™ Flex HYDRA HD6 ¹	20 6	27 8.1	39 11.9	59 17.9	117 35.7	195 59.5
VarioLED™ Flex HYDRA HD10 ⁶	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex HYDRA HD15 ⁷	8 2.4	11 3.2	16 4.8	23 7.1	47 14.3	78 23.8
VarioLED™ Flex HYDRA HD25						
VarioLED™ Flex HYDRA HD36						
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹	29 8.9	40 12.1	59 17.9	88 26.8	176 53.6	293 89.3
VarioLED™ Flex ECO LD12	10 3.0	13 4.0	20 6.0	29 8.9	59 17.9	98 29.8
VarioLED™ Flex ECO HD8 ^{8,10,11}	15 4.5	20 6.1	29 8.9	44 13.4	88 26.8	146 44.6
VarioLED™ Flex ECO HD24						
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex SIDE VIEW ECO HD20	6 1.8	9 2.4	12 3.6	18 5.4	35 10.7	59 17.9
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25						
VarioLED™ Flex IQ W ATON HD12 ²	10 3.0	13 4.0	20 6.0	29 8.9	59 17.9	98 29.8
VarioLED™ Flex IQ W ATON HD24	5 1.5	7 2.0	10 3.0	15 4.5	29 8.9	49 14.9
VarioLED™ Flex IQ W ATON HD42						
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15	8 2.4	11 3.2	16 4.8	23 7.1	47 14.3	78 23.8
VarioLED™ Flex RGB HD10 ³	19 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex RGB HD20	6 1.8	8 2.4	12 3.6	18 5.4	35 10.7	59 17.9
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B	29 8.9	40 12.1	59 17.9	88 26.8	176 53.6	293 89.3
VarioLED™ Flex ECO LD4 G	29 8.9	40 12.1	59 17.9	88 26.8	176 53.6	293 89.3
VarioLED™ Flex ECO HD8 B ⁴	15 4.5	20 6.1	29 8.9	44 13.4	88 26.8	146 44.6
VarioLED™ Flex ECO HD8 G ⁵	15 4.5	20 6.1	29 8.9	44 13.4	88 26.8	146 44.6

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Cable length @ product length of **16 feet / 5 meter** and allowing a voltage drop of 0.85 Volt

Product length	16 feet / 5 meter					
AWG	24	22	20	18	16	14
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	31 9.5	42 12.9	62 19.0	94 28.6	187 57.1	312 95.2
VarioLED™ Flex HYDRA LD5	19 5.7	26 7.8	38 11.4	56 17.1	113 34.3	187 57.1
VarioLED™ Flex HYDRA LD10	10 2.9	13 3.9	19 5.7	28 8.6	56 17.1	94 28.6
VarioLED™ Flex HYDRA LD15						
VarioLED™ Flex HYDRA LD25						
VarioLED™ Flex HYDRA LD40						
VarioLED™ Flex HYDRA HD6 ¹	16 4.8	21 6.5	31 9.5	47 14.3	94 28.6	156 47.6
VarioLED™ Flex HYDRA HD10 ⁶	10 2.9	13 3.9	19 5.7	28 8.6	56 17.1	94 28.6
VarioLED™ Flex HYDRA HD15 ⁷						
VarioLED™ Flex HYDRA HD25						
VarioLED™ Flex HYDRA HD36						
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex ECO LD12						
VarioLED™ Flex ECO HD8 ^{8,10,11}	11.8 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex ECO HD24						
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10	10 2.9	13 3.9	19 5.7	28 8.6	56 17.1	94 28.6
VarioLED™ Flex SIDE VIEW ECO HD20						
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25						
VarioLED™ Flex IQ W ATON HD12 ²	8 2.4	11 3.2	16 4.8	23 7.1	47 14.3	78 23.8
VarioLED™ Flex IQ W ATON HD24						
VarioLED™ Flex IQ W ATON HD42						
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15						
VarioLED™ Flex RGB HD10 ³	10 2.9	13 3.9	19 5.7	28 8.6	56 17.1	94 28.6
VarioLED™ Flex RGB HD20	5 1.4	6 1.9	10 2.9	14 4.3	28 8.6	47 14.3
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex ECO LD4 G	23 7.1	32 9.7	47 14.3	70 21.4	140 42.8	234 71.4
VarioLED™ Flex ECO HD8 B ⁴	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7
VarioLED™ Flex ECO HD8 G ⁵	12 3.6	16 4.9	23 7.1	35 10.7	70 21.4	117 35.7

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Cable length @ product length of **20 feet / 6 meter** and allowing a voltage drop of 0.85 Volt

Product length	20 feet / 6 meter					
AWG	24	22	20	18	16	14
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	26 8	36 11	53 16	79 24	158 48	259 79
VarioLED™ Flex HYDRA LD5	16 5	20 6	33 10	46 14	95 29	158 48
VarioLED™ Flex HYDRA LD10						
VarioLED™ Flex HYDRA LD15						
VarioLED™ Flex HYDRA LD25						
VarioLED™ Flex HYDRA LD40						
VarioLED™ Flex HYDRA HD6 ¹						
VarioLED™ Flex HYDRA HD10 ⁶						
VarioLED™ Flex HYDRA HD15 ⁷						
VarioLED™ Flex HYDRA HD25						
VarioLED™ Flex HYDRA HD36						
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹						
VarioLED™ Flex ECO LD12						
VarioLED™ Flex ECO HD8 ^{8, 10, 11}						
VarioLED™ Flex ECO HD24						
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10						
VarioLED™ Flex SIDE VIEW ECO HD20						
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25						
VarioLED™ Flex IQ W ATON HD12 ²						
VarioLED™ Flex IQ W ATON HD24						
VarioLED™ Flex IQ W ATON HD42						
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15						
VarioLED™ Flex RGB HD10 ³						
VarioLED™ Flex RGB HD20						
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B						
VarioLED™ Flex ECO LD4 G						
VarioLED™ Flex ECO HD8 B ⁴						
VarioLED™ Flex ECO HD8 G ⁵						

1| VarioLED™ Flex VENUS TV/SV 2| VarioLED™ Flex VENUS IQ White TV/SV 3| VarioLED™ Flex VENUS RGB TV/SV 4| VarioLED™ Flex VENUS Color B TV/SV 5| VarioLED™ Flex VENUS Color G TV/SV 6| VarioLED™ Flex PHOBOS TV/SV 7| VarioLED™ Flex SKYLLA TV/SV 8| VarioLED™ Flex NIKE TV 9| VarioLED™ Flex NIKE SV 10| VarioLED™ Flex NIKE TVSB 11| VarioLED™ Flex AMOR SV

Cable length @ product length of **25 feet / 7.5 meter** and allowing a voltage drop of 0.85 Volt

Product length	25 feet / 7.5 meter					
AWG	24	22	20	18	16	14
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	20 6	30 9	43 13	62 19	125 38	207 63
VarioLED™ Flex HYDRA LD5	13 4	16 5	26 8	36 11	76 23	125 38
VarioLED™ Flex HYDRA LD10						
VarioLED™ Flex HYDRA LD15						
VarioLED™ Flex HYDRA LD25						
VarioLED™ Flex HYDRA LD40						
VarioLED™ Flex HYDRA HD6 ¹						
VarioLED™ Flex HYDRA HD10 ⁶						
VarioLED™ Flex HYDRA HD15 ⁷						
VarioLED™ Flex HYDRA HD25						
VarioLED™ Flex HYDRA HD36						
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹						
VarioLED™ Flex ECO LD12						
VarioLED™ Flex ECO HD8 ^{8, 10, 11}						
VarioLED™ Flex ECO HD24						
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10						
VarioLED™ Flex SIDE VIEW ECO HD20						
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25						
VarioLED™ Flex IQ W ATON HD12 ²						
VarioLED™ Flex IQ W ATON HD24						
VarioLED™ Flex IQ W ATON HD42						
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15						
VarioLED™ Flex RGB HD10 ³						
VarioLED™ Flex RGB HD20						
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B						
VarioLED™ Flex ECO LD4 G						
VarioLED™ Flex ECO HD8 B ⁴						
VarioLED™ Flex ECO HD8 G ⁵						

1| VarioLED™ Flex VENUS TV/SV 2| VarioLED™ Flex VENUS IQ White TV/SV 3| VarioLED™ Flex VENUS RGB TV/SV 4| VarioLED™ Flex VENUS Color B TV/SV 5| VarioLED™ Flex VENUS Color G TV/SV 6| VarioLED™ Flex PHOBOS TV/SV 7| VarioLED™ Flex SKYLLA TV/SV 8| VarioLED™ Flex NIKE TV 9| VarioLED™ Flex NIKE SV 10| VarioLED™ Flex NIKE TVSB 11| VarioLED™ Flex AMOR SV

Cable length @ product length of **33 feet / 10 meter** and allowing a voltage drop of 0.85 Volt

Product length	33 feet / 10 meter					
AWG	24	22	20	18	16	14
Cable cross section	0.25 mm ²	0.34 mm ²	0.50 mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²
VarioLED™ Flex HYDRA White						
VarioLED™ Flex HYDRA SLD3	16 5	20 6	33 10	46 14	95 29	158 48
VarioLED™ Flex HYDRA LD5						
VarioLED™ Flex HYDRA LD10						
VarioLED™ Flex HYDRA LD15						
VarioLED™ Flex HYDRA LD25						
VarioLED™ Flex HYDRA LD40						
VarioLED™ Flex HYDRA HD6 ¹						
VarioLED™ Flex HYDRA HD10 ⁶						
VarioLED™ Flex HYDRA HD15 ⁷						
VarioLED™ Flex HYDRA HD25						
VarioLED™ Flex HYDRA HD36						
VarioLED™ Flex White ECO						
VarioLED™ Flex ECO LD4 ⁹						
VarioLED™ Flex ECO LD12						
VarioLED™ Flex ECO HD8 ^{8, 10, 11}						
VarioLED™ Flex ECO HD24						
VarioLED™ Flex SIDE VIEW ECO						
VarioLED™ Flex SIDE VIEW ECO LD10						
VarioLED™ Flex SIDE VIEW ECO HD20						
VarioLED™ Flex IQ White						
VarioLED™ Flex IQ W HYDRA LD25						
VarioLED™ Flex IQ W ATON HD12 ²						
VarioLED™ Flex IQ W ATON HD24						
VarioLED™ Flex IQ W ATON HD42						
VarioLED™ Flex RGB						
VarioLED™ Flex RGB LD15						
VarioLED™ Flex RGB HD10 ³						
VarioLED™ Flex RGB HD20						
VarioLED™ Flex ECO Color						
VarioLED™ Flex ECO LD4 B						
VarioLED™ Flex ECO LD4 G						
VarioLED™ Flex ECO HD8 B ⁴						
VarioLED™ Flex ECO HD8 G ⁵						

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