

# DETERMINATION OF MAXIMUM CABLE LENGTH

Between the driver unit and LED tape

Product name	Volt (V)	Watt/feet (W/ft)	Lumen/feet (lm/ft)	Lumen/Watt (lm/W)	CRI	Beam angle (°)	max. length (ft)
NEXUS LD5							
NEXUS LD10							
NEXUS LD15							
<b>NEXUS LD40</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>	<b>XXX</b>	<b>XX</b>	<b>XXX</b>	<b>XX</b>
NEXUS HD6 (Venus TC)							
NEXUS HD10 (Phobos TC)							
NEXUS HD15 (Skylia TC)							
NEXUS HD25							
NEXUS HD40							
NEXUS HD60							
NEXUS UHD15							
NEXUS UHD25							
HYDRA SLD3							
HYDRA LD5							
HYDRA LD10							
HYDRA LD15							

**Main electrical data of Product**

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

Product length	1 meter / 3.3 feet							
Cable cross section	0.25 mm <sup>2</sup>	0,34 (mm <sup>2</sup> )	0.50 mm <sup>2</sup>	0.75 mm <sup>2</sup>	1.00 mm <sup>2</sup>	1.50 mm <sup>2</sup>	2.50 mm <sup>2</sup>	
AWG	24		20	18	16	14	12	
	m ft		m ft	m ft	m ft	m ft	m ft	m ft
NEXUS LD5								
NEXUS LD10								
NEXUS LD15								
NEXUS LD25								
NEXUS LD40								
NEXUS HD6								
NEXUS HD10								
NEXUS HD15								
NEXUS HD25								
NEXUS HD40								
NEXUS HD60								
NEXUS UHD15								
NEXUS UHD25								
HYDRA SLD3								
HYDRA LD5								
HYDRA LD10								
HYDRA LD15								
HYDRA LD25								
HYDRA LD40								
HYDRA HD6								
HYDRA HD10								
HYDRA HD15								
HYDRA HD25								
HYDRA HD36								
SOL LD15								
SOL LD25								
SOL HD15								
SOL HD25								
SOL HD36								
ATON 3								
ATON AIR								
ECO LD4'								
ECO LD12								
ECO HD8								
ECO HD24								
SIDE VIEW LD10								
SIDE VIEW HD20								
10 White NFX11S   D30								

**At a product length of 3 ft / 1 m xx Product, a voltage drop of 0.85 V and a cable cross section of 0.34 mm<sup>2</sup> the max. cable distance can be xxxx ft / xxx m.**

# DETERMINATION OF MAXIMUM CABLE LENGTH

Between the driver unit and LED tape

		Volt (V)	Watt/feet (W/ft)	Lumen/feet (lm/ft)	Lumen/Watt (lm/W)	CRI	Beam angle (°)	max. length (ft)
	<b>Product name</b>							
STATIC WHITE	LUMINARIS LD05	24	1.6	160	104	82	120°	45.9
	LUMINARIS LD10	24	2.6	330	124	82	120°	23
	LUMINARIS LD15	24	4.7	480	103	82	120°	13.8
	LUMINARIS LD22	24	6.3	690	109	82	120°	11.5
	LUMINARIS HD05	24	1.6	210	135	82	120°	45.9
	LUMINARIS HD10	24	2.6	340	128	82	120°	23
	LUMINARIS HD15	24	4.7	580	123	82	120°	13.8
	LUMINARIS HD22	24	6.3	750	120	82	120°	11.5
	HYDRA LD5	24	1.5	210	144	95	120°	24.6
	HYDRA LD10	24	2.9	420	144	85	120°	16.4
	HYDRA LD15	24	4.6	670	147	85	120°	13.1
	HYDRA LD25	24	7.6	1,100	144	85	120°	9.8
	HYDRA LD40	24	12.2	1,330	109	85	120°	6.6
	HYDRA HD6 (Venus)	24	1.7	250	148	95	120°	16.4
	HYDRA HD10 (Phobos)	24	3	420	141	95	120°	16.4
	HYDRA HD15 (Skylia)	24	4.6	670	147	85	120°	13.1
	HYDRA HD25	24	7.6	1,100	144	85	120°	9.8
	HYDRA HD36	24	11	1,600	146	85	120°	6.6
	NEXUS LD5	24	1.5	240	167	95	120°	24.6
	NEXUS LD10	24	2.9	480	164	95	120°	16.4
	NEXUS LD15	24	4.6	690	151	95	120°	16.4
	NEXUS LD25	24	7.6	1,100	145	95	120°	9.8
	NEXUS LD40	24	12.2	1,700	139	95	120°	6.6
	NEXUS HD6 (Venus TC)	24	1.7	260	152	95	160°	24.6
	NEXUS HD10 (Phobos TC)	24	2.9	410	142	95	160°	16.4
	NEXUS HD15 (Skylia TC)	24	4.6	610	134	95	160°	16.4
	NEXUS HD25	24	7.6	940	123	95	160°	9.8
	NEXUS HD40	24	12.2	1,380	113	95	160°	6.6
	NEXUS UHD15	24	4.6	570	124	95	160°	13.1
	NEXUS UHD25	24	7.6	910	119	95	160°	9.8
	SOL LD15	24	4.6	500	109	98	120°	9.8
	SOL LD25	24	7.6	810	107	98	120°	6.6
SOL HD15	24	4.6	500	109	98	120°	9.8	
SOL HD25	24	7.6	810	107	98	120°	6.6	
SOL HD36	24	11	1,190	108	98	120°	4.1	
TUNABLE WHITE	IQ White NEXUS HD12	24	3.7	480	133	85	160°	16.4
	IQ White NEXUS HD24	24	7.3	910	125	85	160°	9.8
	IQ White NEXUS HD42	24	12.8	1,600	125	85	160°	6.6
	IQ White HYDRA LD25	24	7.6	920	120	85	120°	9.8
	IQ White SOL LD30	24	9.2	780	86	98	120°	6.6
	IQ White ATON HD12	24	3.7	310	86	85	140°	16.4
	IQ White ATON HD24	24	7.3	650	89	85	140°	9.8
	IQ White ATON HD42	24	12.8	1,150	90	85	140°	6.6
COLOR	ECO P12 Red	24	3.1	160	50	na	120°	16.5
	ECO P12 Green	24	3.1	300	95	na	120°	16.5
	ECO P12 Blue	24	3.1	50	16	na	120°	16.5

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

Product length Cable cross section AWG	3 feet / 1 meter													
	0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
	24		22		20		18		16		14		12	
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS LD05	84	25	114	34	168	51	252	76	336	102	504	153	841	255
LUMINARIS LD10	47	14	64	19	94	28	141	42	188	57	282	85	471	142
LUMINARIS LD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
LUMINARIS LD22	23	7	32	9	47	14	70	21	94	28	141	42	235	71
LUMINARIS HD05	84	25	114	34	168	51	252	76	336	102	504	153	841	255
LUMINARIS HD10	47	14	64	19	94	28	141	42	188	57	282	85	471	142
LUMINARIS HD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
LUMINARIS HD22	23	7	32	9	47	14	70	21	94	28	141	42	235	71
HYDRA LD5	94	28	128	38	188	57	282	85	376	114	565	171	942	285
HYDRA LD10	47	14	64	19	94	28	141	42	188	57	282	85	471	142
HYDRA LD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
HYDRA LD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
HYDRA LD40	11	3	16	4	23	7	35	10	47	14	70	21	117	35
HYDRA HD6 (Venus)	78	23	106	32	157	47	235	71	314	95	471	142	785	238
HYDRA HD10 (Phobos)	47	14	64	19	94	28	141	42	188	57	282	85	471	142
HYDRA HD15 (Skylia)	31	9	42	12	62	19	94	28	125	38	188	57	314	95
HYDRA HD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
HYDRA HD36	13	3	17	5	26	7	39	11	52	15	78	23	130	39
NEXUS LD5	94	28	128	38	188	57	282	85	376	114	565	171	942	285
NEXUS LD10	47	14	64	19	94	28	141	42	188	57	282	85	471	142
NEXUS LD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
NEXUS LD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
NEXUS LD40	11	3	16	4	23	7	35	10	47	14	70	21	117	35
NEXUS HD6 (Venus TC)	78	23	106	32	157	47	235	71	314	95	471	142	785	238
NEXUS HD10 (Phobos TC)	47	14	64	19	94	28	141	42	188	57	282	85	471	142
NEXUS HD15 (Skylia TC)	31	9	42	12	62	19	94	28	125	38	188	57	314	95
NEXUS HD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
NEXUS HD40	11	3	16	4	23	7	35	10	47	14	70	21	117	35
NEXUS UHD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
NEXUS UHD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
SOL LD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
SOL LD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
SOL HD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
SOL HD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
SOL HD36	13	3	17	5	26	7	39	11	52	15	78	23	130	39
IQ White NEXUS HD12	39	11	53	16	78	23	117	35	157	47	235	71	392	119
IQ White NEXUS HD24	19	5	26	8	39	11	58	17	78	23	117	35	196	59
IQ White NEXUS HD42	11	3	15	4	22	6	33	10	44	13	67	20	112	34
IQ White HYDRA LD25	18	5	25	7	37	11	56	17	75	22	113	34	188	57
IQ White SOL LD30	18	5	25	7	37	11	56	17	75	22	113	34	188	57
IQ White ATON HD12	39	11	53	16	78	23	117	35	157	47	235	71	392	119
IQ White ATON HD24	19	5	26	8	39	11	58	17	78	23	117	35	196	59
IQ White ATON HD42	11	3	15	4	22	6	33	10	44	13	67	20	112	34
RGB LD15	31	9	42	12	62	19	94	28	125	38	188	57	314	95
RGB HD10	47	14	64	19	94	28	141	42	188	57	282	85	471	142
RGB HD20	23	7	32	9	47	14	70	21	94	28	141	42	235	71
ECO P12 R	47	14	64	19	94	28	141	42	188	57	282	85	471	142
ECO P12 G	47	14	64	19	94	28	141	42	188	57	282	85	471	142
ECO P12 B	47	14	64	19	94	28	141	42	188	57	282	85	471	142

LED Linear Static White products are supplied with 0.34mm<sup>2</sup>/AWG 22 cables. LED Linear Tunable White/RGB products are supplied with 0.25mm<sup>2</sup>/AWG 24 cables.

Cable length @ product length of 6 feet / 2 meter and allowing a voltage drop of 0.85 Volt

Product length Cable cross section AWG	6 feet / 2 meter													
	0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
	24		22		20		18		16		14		12	
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS LD05	42	12	57	17	84	25	126	38	168	51	252	76	420	127
LUMINARIS LD10	23	7	32	9	47	14	70	21	94	28	141	42	235	71
LUMINARIS LD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
LUMINARIS LD22	11	3	16	4	23	7	35	10	47	14	70	21	117	35
LUMINARIS HD05	42	12	57	17	84	25	126	38	168	51	252	76	420	127
LUMINARIS HD10	23	7	32	9	47	14	70	21	94	28	141	42	235	71
LUMINARIS HD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
LUMINARIS HD22	11	3	16	4	23	7	35	10	47	14	70	21	117	35
HYDRA LD5	47	14	64	19	94	28	141	42	188	57	282	85	471	142
HYDRA LD10	23	7	32	9	47	14	70	21	94	28	141	42	235	71
HYDRA LD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
HYDRA LD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
HYDRA LD40	5	1	8	2	11	3	17	5	23	7	35	10	58	17
HYDRA HD6 (Venus)	39	11	53	16	78	23	117	35	157	47	235	71	392	119
HYDRA HD10 (Phobos)	23	7	32	9	47	14	70	21	94	28	141	42	235	71
HYDRA HD15 (Skylia)	15	4	21	6	31	9	47	14	62	19	94	28	157	47
HYDRA HD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
HYDRA HD36	6	1	8	2	13	3	19	5	26	7	39	11	65	19
NEXUS LD5	47	14	64	19	94	28	141	42	188	57	282	85	471	142
NEXUS LD10	23	7	32	9	47	14	70	21	94	28	141	42	235	71
NEXUS LD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS LD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
NEXUS LD40	5	1	8	2	11	3	17	5	23	7	35	10	58	17
NEXUS HD6 (Venus TC)	39	11	53	16	78	23	117	35	157	47	235	71	392	119
NEXUS HD10 (Phobos TC)	23	7	32	9	47	14	70	21	94	28	141	42	235	71
NEXUS HD15 (Skylia TC)	15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS HD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
NEXUS HD40	5	1	8	2	11	3	17	5	23	7	35	10	58	17
NEXUS UHD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS UHD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
SOL LD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
SOL LD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
SOL HD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
SOL HD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
IQ White NEXUS LD40	5	1	8	2	11	3	17	5	23	7	35	10	58	17
IQ White NEXUS HD12	19	5	26	8	39	11	58	17	78	23	117	35	196	59
IQ White NEXUS HD24	9	2	13	4	19	5	29	8	39	11	58	17	98	29
IQ White NEXUS HD42	5	1	7	2	11	3	16	5	22	6	33	10	56	17
IQ White HYDRA LD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
IQ White SOL LD25	9	2	12	3	18	5	28	8	37	11	56	17	94	28
IQ White ATON HD12	19	5	26	8	39	11	58	17	78	23	117	35	196	59
IQ White ATON HD24	9	2	13	4	19	5	29	8	39	11	58	17	98	29
IQ White ATON HD42	5	1	7	2	11	3	16	5	22	6	33	10	56	17
RGB LD15	15	4	21	6	31	9	47	14	62	19	94	28	157	47
RGB HD10	23	7	32	9	47	14	70	21	94	28	141	42	235	71
RGB HD20	11	3	16	4	23	7	35	10	47	14	70	21	117	35
RGBW HD40	5	1	8	2	11	3	17	5	23	7	35	10	58	17
ECO P12 R	23	7	32	9	47	14	70	21	94	28	141	42	235	71
ECO P12 G	23	7	32	9	47	14	70	21	94	28	141	42	235	71
ECO P12 B	23	7	32	9	47	14	70	21	94	28	141	42	235	71

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

Product length Cable cross section AWG	10 feet / 3 meter													
	0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
	24		22		20		18		16		14		12	
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS LD05	28	8	38	11	56	17	84	25	112	34	168	51	280	85
LUMINARIS LD10	15	4	21	6	31	9	47	14	62	19	94	28	157	47
LUMINARIS LD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
LUMINARIS LD22	7	2	10	3	15	4	23	7	31	9	47	14	78	23
LUMINARIS HD05	28	8	38	11	56	17	84	25	112	34	168	51	280	85
LUMINARIS HD10	15	4	21	6	31	9	47	14	62	19	94	28	157	47
LUMINARIS HD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
LUMINARIS HD22	7	2	10	3	15	4	23	7	31	9	47	14	78	23
HYDRA LD5	31	9	42	12	62	19	94	28	125	38	188	57	314	95
HYDRA LD10	15	4	21	6	31	9	47	14	62	19	94	28	157	47
HYDRA LD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
HYDRA LD25	6	1	8	2	12	3	18	5	25	7	37	11	62	19
HYDRA HD6 (Venus)	26	7	35	10	52	15	78	23	104	31	157	47	261	79
HYDRA HD10 (Phobos)	15	4	21	6	31	9	47	14	62	19	94	28	157	47
HYDRA HD15 (Skylia)	10	3	14	4	20	6	31	9	41	12	62	19	104	31
HYDRA HD25	6	1	8	2	12	3	18	5	25	7	37	11	62	19
NEXUS LD5	31	9	42	12	62	19	94	28	125	38	188	57	314	95
NEXUS LD10	15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS LD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
NEXUS LD25	6	1	8	2	12	3	18	5	25	7	37	11	62	19
NEXUS HD6 (Venus TC)	26	7	35	10	52	15	78	23	104	31	157	47	261	79
NEXUS HD10 (Phobos TC)	15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS HD15 (Skylia TC)	10	3	14	4	20	6	31	9	41	12	62	19	104	31
NEXUS HD25	6	1	8	2	12	3	18	5	25	7	37	11	62	19
NEXUS UHD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
NEXUS UHD25	6	1	8	2	12	3	18	5	25	7	37	11	62	19
SOL LD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
SOL HD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
IQ White NEXUS HD12	13	3	17	5	26	7	39	11	52	15	78	23	130	39
IQ White NEXUS HD24	6	1	8	2	13	3	19	5	26	7	39	11	65	19
IQ White HYDRA LD25	6	1	8	2	12	3	18	5	25	7	37	11	62	19
IQ White ATON HD12	13	3	17	5	26	7	39	11	52	15	78	23	130	39
IQ White ATON HD24	6	1	8	2	13	3	19	5	26	7	39	11	65	19
RGB LD15	10	3	14	4	20	6	31	9	41	12	62	19	104	31
RGB HD10	15	4	21	6	31	9	47	14	62	19	94	28	157	47
RGB HD20	7	2	10	3	15	4	23	7	31	9	47	14	78	23
ECO P12 R	15	4	21	6	31	9	47	14	62	19	94	28	157	47
ECO P12 G	15	4	21	6	31	9	47	14	62	19	94	28	157	47
ECO P12 B	15	4	21	6	31	9	47	14	62	19	94	28	157	47

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

Product length Cable cross section AWG	13 feet / 4 meter													
	0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
	24		22		20		18		16		14		12	
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS LD05	21	6	28	8	42	12	63	19	84	25	126	38	210	63
LUMINARIS LD10	11	3	16	4	23	7	35	10	47	14	70	21	117	35
LUMINARIS LD15	7	2	10	3	15	4	23	7	31	9	47	14	78	23
LUMINARIS LD22	5	1	8	2	11	3	17	5	23	7	35	10	58	17
LUMINARIS HD05	21	6	28	8	42	12	63	19	84	25	126	38	210	63
LUMINARIS HD10	11	3	16	4	23	7	35	10	47	14	70	21	117	35
LUMINARIS HD15	7	2	10	3	15	4	23	7	31	9	47	14	78	23
LUMINARIS HD22	5	1	8	2	11	3	17	5	23	7	35	10	58	17
HYDRA LD5	23	7	32	9	47	14	70	21	94	28	141	42	235	71
HYDRA LD10	11	3	16	4	23	7	35	10	47	14	70	21	117	35
HYDRA LD15	7	2	10	3	15	4	23	7	31	9	47	14	78	23
HYDRA HD6 (Venus)	19	5	26	8	39	11	58	17	78	23	117	35	196	59
HYDRA HD10 (Phobos)	11	3	16	4	23	7	35	10	47	14	70	21	117	35
HYDRA HD15 (Skylia)	7	2	10	3	15	4	23	7	31	9	47	14	78	23
NEXUS LD5	23	7	32	9	47	14	70	21	94	28	141	42	235	71
NEXUS LD10	11	3	16	4	23	7	35	10	47	14	70	21	117	35
NEXUS LD15	7	2	10	3	15	4	23	7	31	9	47	14	78	23
NEXUS HD6 (Venus TC)	19	5	26	8	39	11	58	17	78	23	117	35	196	59
NEXUS HD10 (Phobos TC)	11	3	16	4	23	7	35	10	47	14	70	21	117	35
NEXUS HD15 (Skylia TC)	7	2	10	3	15	4	23	7	31	9	47	14	78	23
NEXUS UHD15	7	2	10	3	15	4	23	7	31	9	47	14	78	23
IQ White NEXUS HD12	9	2	13	4	19	5	29	8	39	11	58	17	98	29
IQ White ATON HD12	9	2	13	4	19	5	29	8	39	11	58	17	98	29
IQ White ATON HD24	4	1	6	2	9	2	14	4	19	5	29	8	49	14
RGB LD15	7	2	10	3	15	4	23	7	31	9	47	14	78	23
RGB HD10	11	3	16	4	23	7	35	10	47	14	70	21	117	35
RGB HD20	5	1	8	2	11	3	17	5	23	7	35	10	58	17
ECO P12 R	11	3	16	4	23	7	35	10	47	14	70	21	117	35
ECO P12 G	11	3	16	4	23	7	35	10	47	14	70	21	117	35
ECO P12 B	11	3	16	4	23	7	35	10	47	14	70	21	117	35

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

Product length Cable cross section AWG	16 feet / 5 meter													
	0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
	24		22		20		18		16		14		12	
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS LD05	16	5	22	6	33	10	50	15	67	20	100	30	168	51
LUMINARIS LD10	9	2	12	3	18	5	28	8	37	11	56	17	94	28
LUMINARIS HD05	16	5	22	6	33	10	50	15	67	20	100	30	168	51
LUMINARIS HD10	9	2	12	3	18	5	28	8	37	11	56	17	94	28
HYDRA LD5	18	5	25	7	37	11	56	17	75	22	113	34	188	57
HYDRA LD10	9	2	12	3	18	5	28	8	37	11	56	17	94	28
HYDRA HD6 (Venus)	15	4	21	6	31	9	47	14	62	19	94	28	157	47
HYDRA HD10 (Phobos)	9	2	12	3	18	5	28	8	37	11	56	17	94	28
NEXUS LD5	18	5	25	7	37	11	56	17	75	22	113	34	188	57
NEXUS LD10	9	2	12	3	18	5	28	8	37	11	56	17	94	28
NEXUS LD15	6	1	8	2	12	3	18	5	25	7	37	11	62	19
NEXUS HD6 (Venus TC)	15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS HD10 (Phobos TC)	9	2	12	3	18	5	28	8	37	11	56	17	94	28
NEXUS HD15 (Skylia TC)	6	1	8	2	12	3	18	5	25	7	37	11	62	19
IQ White NEXUS HD12	7	2	10	3	15	4	23	7	31	9	47	14	78	23
IQ White ATON HD12	7	2	10	3	15	4	23	7	31	9	47	14	78	23
RGB HD10	9	2	12	3	18	5	28	8	37	11	56	17	94	28
RGB HD20	4	1	6	1	9	2	14	4	18	5	28	8	47	14
ECO P12 R	9	2	12	3	18	5	28	8	37	11	56	17	94	28
ECO P12 G	9	2	12	3	18	5	28	8	37	11	56	17	94	28
ECO P12 B	9	2	12	3	18	5	28	8	37	11	56	17	94	28

LED Linear Static White products are supplied with 0.34mm<sup>2</sup>/AWG 22 cables. LED Linear Tunable White/RGB products are supplied with 0.25mm<sup>2</sup>/AWG 24 cables.

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

Product length		20 feet / 6 meter													
Cable cross section		0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
AWG		24		22		20		18		16		14		12	
		ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS HD05		14	4	19	5	28	8	42	12	56	17	84	25	140	42
LUMINARIS HD10		7	2	10	3	15	4	23	7	31	9	47	14	78	23
LUMINARIS LD05		14	4	19	5	28	8	42	12	56	17	84	25	140	42
LUMINARIS LD10		7	2	10	3	15	4	23	7	31	9	47	14	78	23
HYDRA LD5		15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS LD5		15	4	21	6	31	9	47	14	62	19	94	28	157	47
NEXUS HD6 (Venus TC)		13	3	17	5	26	7	39	11	52	15	78	23	130	39

Cable length @ product length of 24 feet / 7 meter and allowing a voltage drop of 0.85 Volt

Product length		24 feet / 7 meter													
Cable cross section		0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
AWG		24		22		20		18		16		14		12	
		ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS HD05		12	3	16	4	24	7	36	10	48	14	72	21	120	36
LUMINARIS HD10		6	2	9	2	13	4	20	6	26	8	40	12	67	20
LUMINARIS LD05		12	3	16	4	24	7	36	10	48	14	72	21	120	36
LUMINARIS LD10		6	2	9	2	13	4	20	6	26	8	40	12	67	20
HYDRA LD5		13	4	18	5	26	8	40	12	53	16	80	24	134	40
NEXUS LD5		13	4	18	5	26	8	40	12	53	16	80	24	134	40
NEXUS HD6 (Venus TC)		11	3	15	4	22	6	33	10	44	13	67	20	112	34

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													
Cable cross section		0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
AWG		24		22		20		18		16		14		12	
		ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS HD05		11	3	15	4	22	6	33	10	44	13	67	20	112	34
LUMINARIS LD05		11	3	15	4	22	6	33	10	44	13	67	20	112	34
HYDRA LD5		12	3	17	5	25	7	37	11	50	15	75	22	125	38
NEXUS LD5		12	3	17	5	25	7	37	11	50	15	75	22	125	38
NEXUS HD6 (Venus TC)		10	3	14	4	20	6	31	9	41	12	62	19	104	31

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

Product length		33 feet / 10 meter													
Cable cross section		0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
AWG		24		22		20		18		16		14		12	
		ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS HD05		8	2	11	3	16	5	25	7	33	10	50	15	84	25
LUMINARIS LD05		8	2	11	3	16	5	25	7	33	10	50	15	84	25

Cable length @ product length of 46 feet / 14 meter and allowing a voltage drop of 0.85 Volt

Product length		46 feet / 14 meter													
Cable cross section		0.25 mm <sup>2</sup>		0.34 mm <sup>2</sup>		0.50 mm <sup>2</sup>		0.75 mm <sup>2</sup>		1 mm <sup>2</sup>		1.50 mm <sup>2</sup>		2 mm <sup>2</sup>	
AWG		24		22		20		18		16		14		12	
		ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
LUMINARIS HD05		6	1	8	2	12	3	18	5	24	7	36	10	60	18
LUMINARIS LD05		6	1	8	2	12	3	18	5	24	7	36	10	60	18