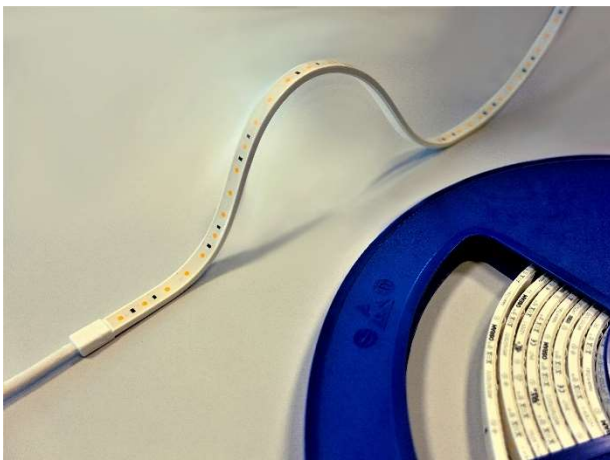


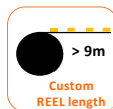
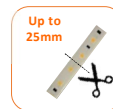
LINEARlight FLEX INFINITE 24V – IP66/68

High efficiency flexible LED strip
LFP500I/1500I/3000I/4000I-G1-xxx-24 L1

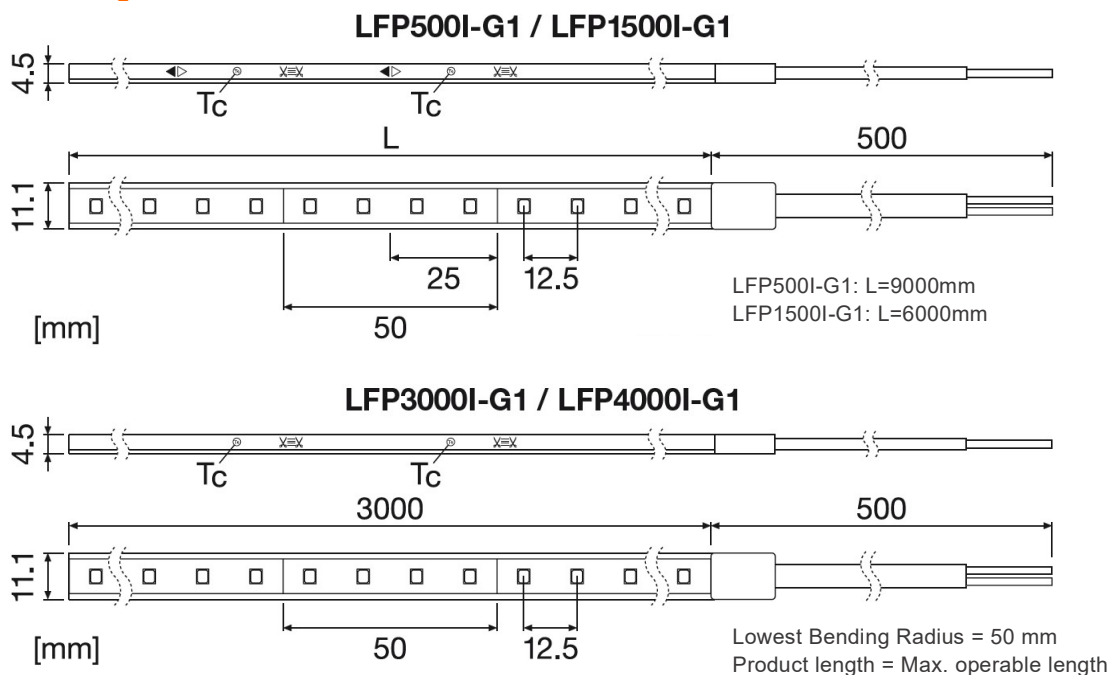


Features & Benefits

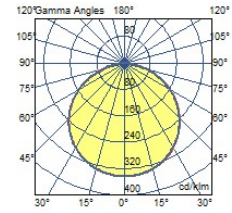
- Flexible and cuttable LED strip up to 25mm
- Luminous flux: up to 4,000 lm/m
- Dimmable with PWM technology
- Color uniformity better than 2 SDCM on the entire LED strip and between strips*
- High color fidelity to beautify every design
- High luminous flux
- Large selection of light colors
- Great design freedom thanks to flexibility and cuttability of module
- High-performance silicone for extremely long life and flexibility
- Extraordinary design and high quality materials
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Pre-wired LED strip, simple and quick plug-and-play installation
- Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 - Method A, salt mist acc. to IEC 60068-2-52 severity)
- Simplified connection with optional matching CONNECTsystem
- Quick installation with optional SLIM TRACK System
- Perfectly matched to non-isolated OPTOTRONIC electronic control gears
- Made in Italy



Technical drawings



Nominal Voltage	24.0 V
Reverse voltage protection up to	25.0 V
Temperature range in operation @ Tc point	-30 °C...+80 °C
Storage Temperature	-40 °C...+85 °C
Ambient Temperature with profile **	-30 °C...+55 °C



*max ambient temperature strongly depends from which kind of profile will be used. For this reason, we always recommend to prepare an installation mockup and measure the Tc.

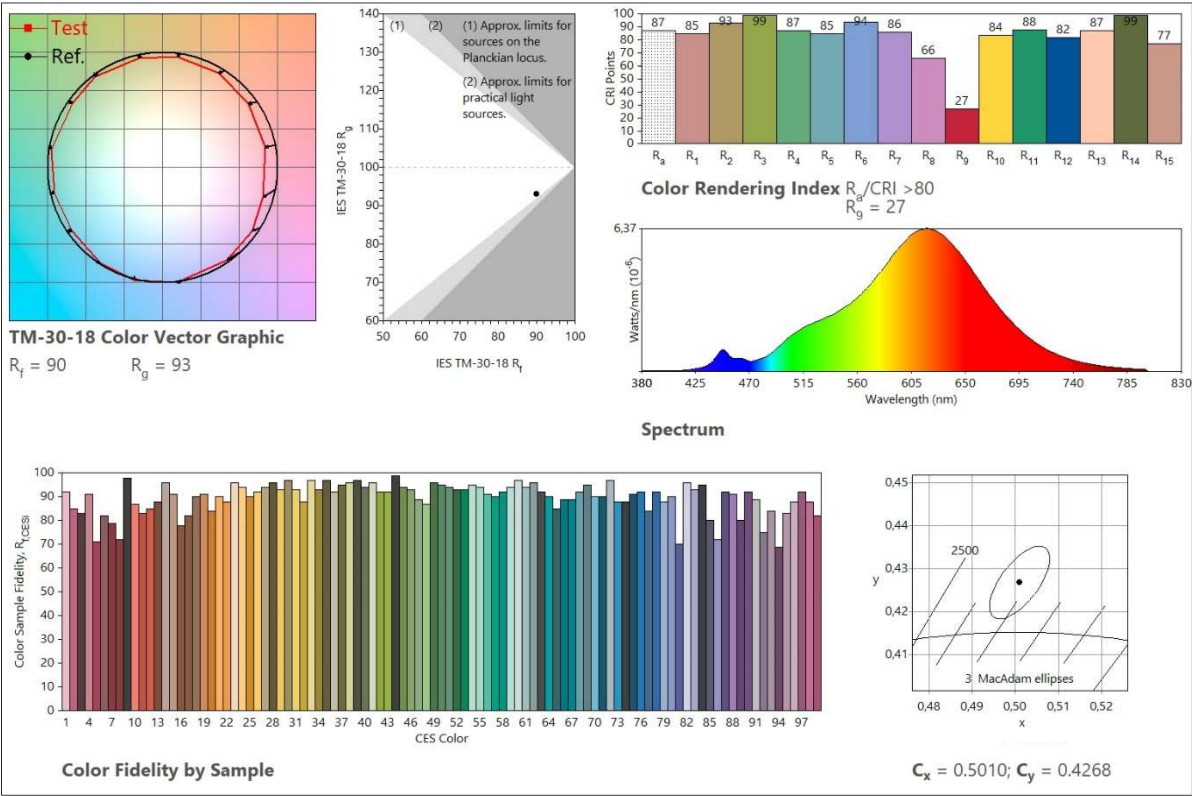
Technical data

	CRI 80+	Nominal CCT See color output data	Luminous Flux lm/m	Power W/m	Luminous Efficacy lm/W	Performance Temperature °C	Order Code	Length m
500lm/m	LFP500I-G1-824-24-09 L1	2400 K	510	4	128	29	4062172371469	09
	LFP500I-G1-827-24-09 L1	2700 K	560	4	140	29	4062172371483	09
	LFP500I-G1-830-24-09 L1	3000 K	600	4	150	29	4062172371506	09
	LFP500I-G1-840-24-09 L1	4000 K	625	4	156	29	4062172371520	09
1500lm/m	LFP1500I-G1-824-24-06 L1	2400 K	1250	9,8	128	34	4062172371643	06
	LFP1500I-G1-827-24-06 L1	2700 K	1370	9,8	140	34	4062172371667	06
	LFP1500I-G1-830-24-06 L1	3000 K	1470	9,8	150	34	4062172371681	06
	LFP1500I-G1-840-24-06 L1	4000 K	1570	9,8	160	34	4062172371704	06
3000lm/m	LFP3000I-G1-824-24-03 L1	2400 K	2460	19,6	126	45	4062172371803	03
	LFP3000I-G1-827-24-03 L1	2700 K	2720	19,6	139	45	4062172371827	03
	LFP3000I-G1-830-24-03 L1	3000 K	2920	19,6	149	45	4062172371841	03
	LFP3000I-G1-840-24-03 L1	4000 K	3080	19,6	157	45	4062172371889	03
4000lm/m	LFP4000I-G1-824-24-03 L1	2400 K	3210	26,2	123	50	4062172372022	03
	LFP4000I-G1-827-24-03 L1	2700 K	3560	26,2	136	50	4062172372046	03
	LFP4000I-G1-830-24-03 L1	3000 K	3800	26,2	145	50	4062172372060	03
	LFP4000I-G1-840-24-03 L1	4000 K	4000	26,2	153	50	4062172372084	03

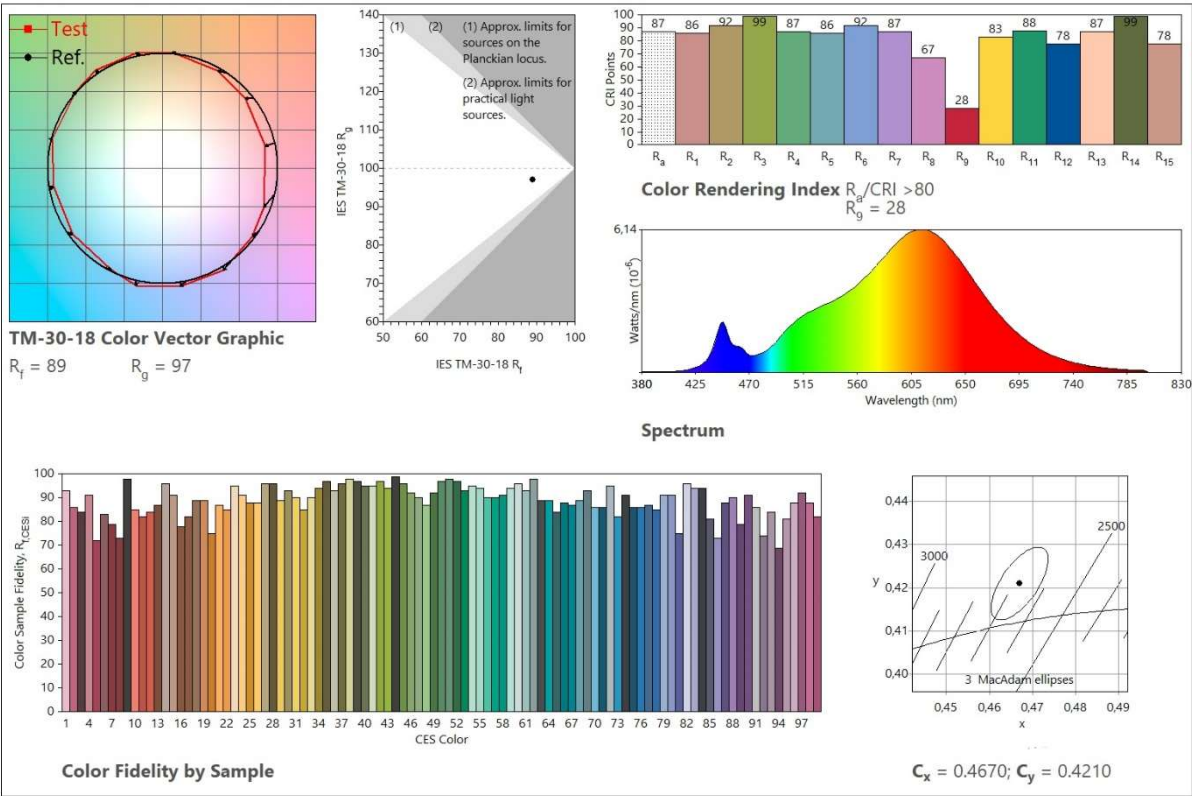
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500lm/m	LFP500I-G1-924-24-09 L1	2400 K	430	4	108	29	4062172371544	09
	LFP500I-G1-927-24-09 L1	2700 K	480	4	120	29	4062172371568	09
	LFP500I-G1-930-24-09 L1	3000 K	515	4	129	29	4062172371582	09
	LFP500I-G1-940-24-09 L1	4000 K	550	4	138	29	4062172371605	09
1500lm/m	LFP1500I-G1-924-24-06 L1	2400 K	1060	9,8	108	34	4062172371728	06
	LFP1500I-G1-927-24-06 L1	2700 K	1160	9,8	118	34	4062172371742	06
	LFP1500I-G1-930-24-06 L1	3000 K	1270	9,8	130	34	4062172371766	06
	LFP1500I-G1-940-24-06 L1	4000 K	1370	9,8	140	34	4062172371780	06
3000lm/m	LFP3000I-G1-924-24-03 L1	2400 K	2100	19,6	107	45	4062172371902	03
	LFP3000I-G1-927-24-03 L1	2700 K	2300	19,6	117	45	4062172371926	03
	LFP3000I-G1-930-24-03 L1	3000 K	2490	19,6	127	45	4062172371940	03
	LFP3000I-G1-940-24-03 L1	4000 K	2700	19,6	138	45	4062172371964	03
4000lm/m	LFP4000I-G1-924-24-03 L1	2400 K	2750	26,2	105	50	4062172372107	03
	LFP4000I-G1-927-24-03 L1	2700 K	3000	26,2	115	50	4062172372121	03
	LFP4000I-G1-930-24-03 L1	3000 K	3220	26,2	123	50	4062172372145	03
	LFP4000I-G1-940-24-03 L1	4000 K	3480	26,2	133	50	4062172372169	03

Color output data CRI 80+

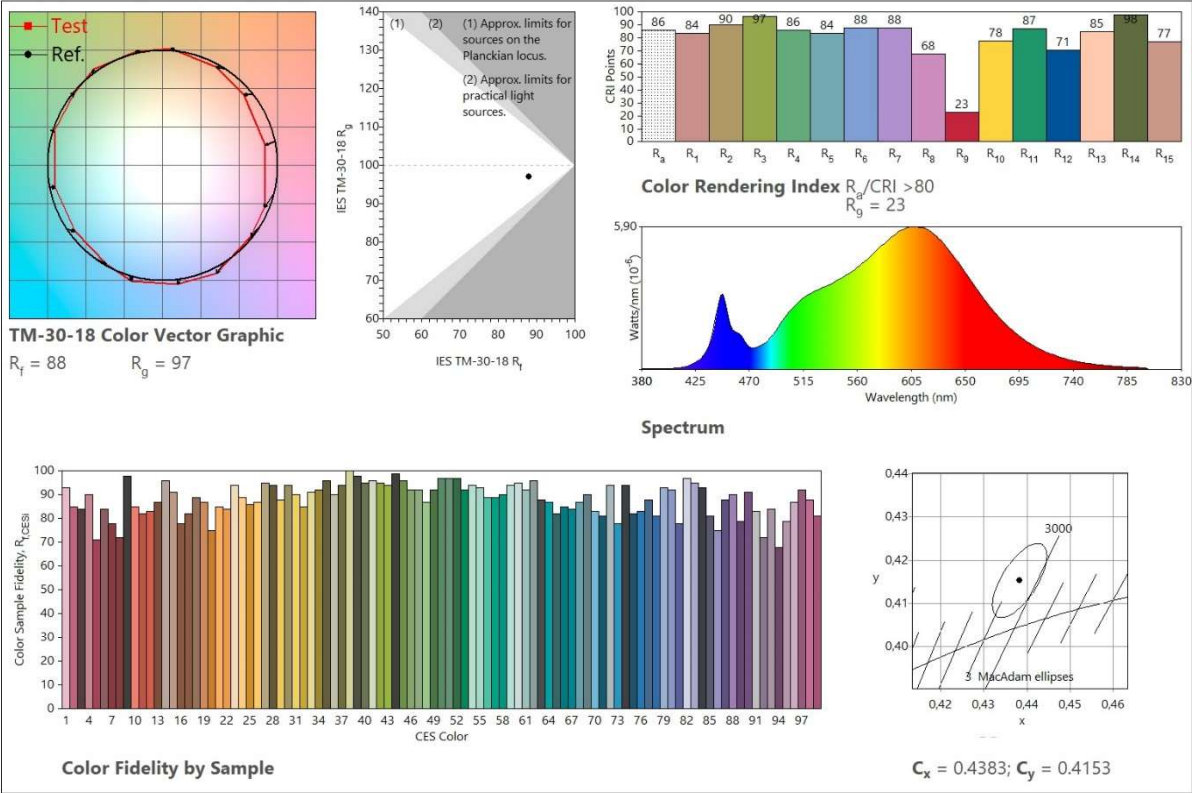
LFPxx00I-G1-824-24-yy L1



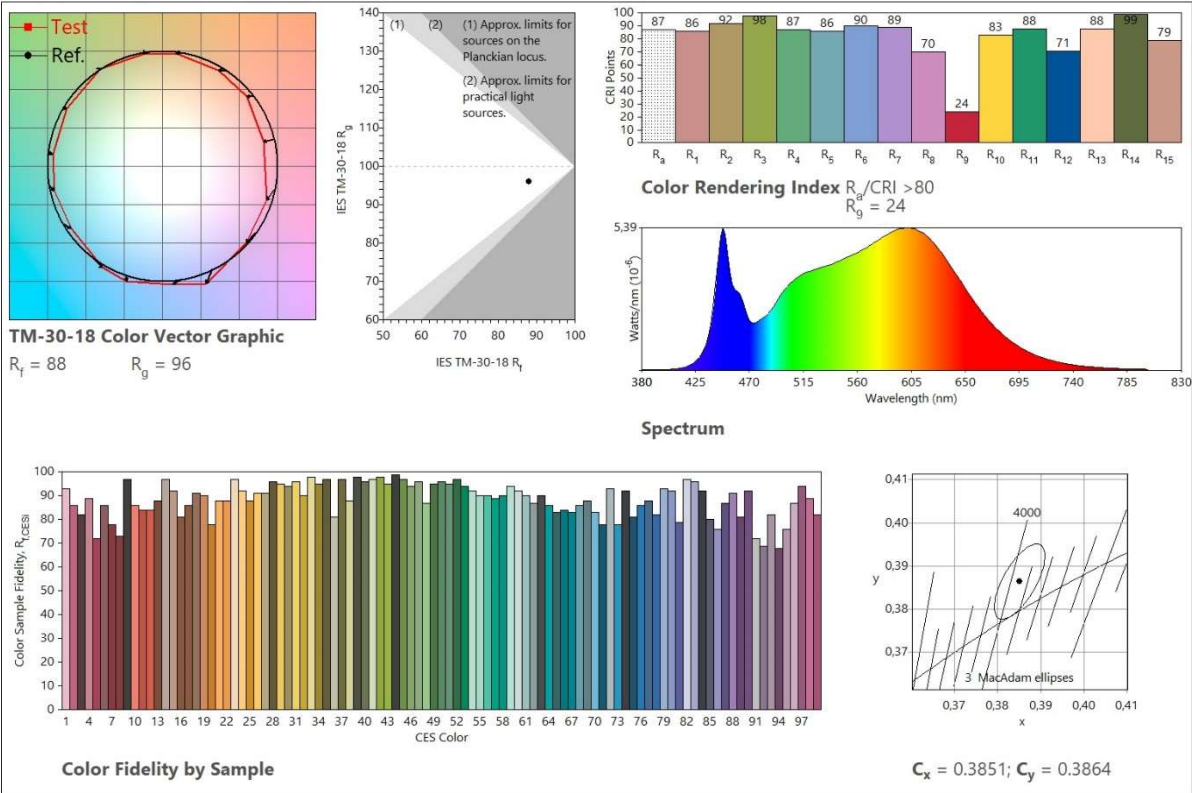
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LFPxx00I-G1-830-24-yy L1

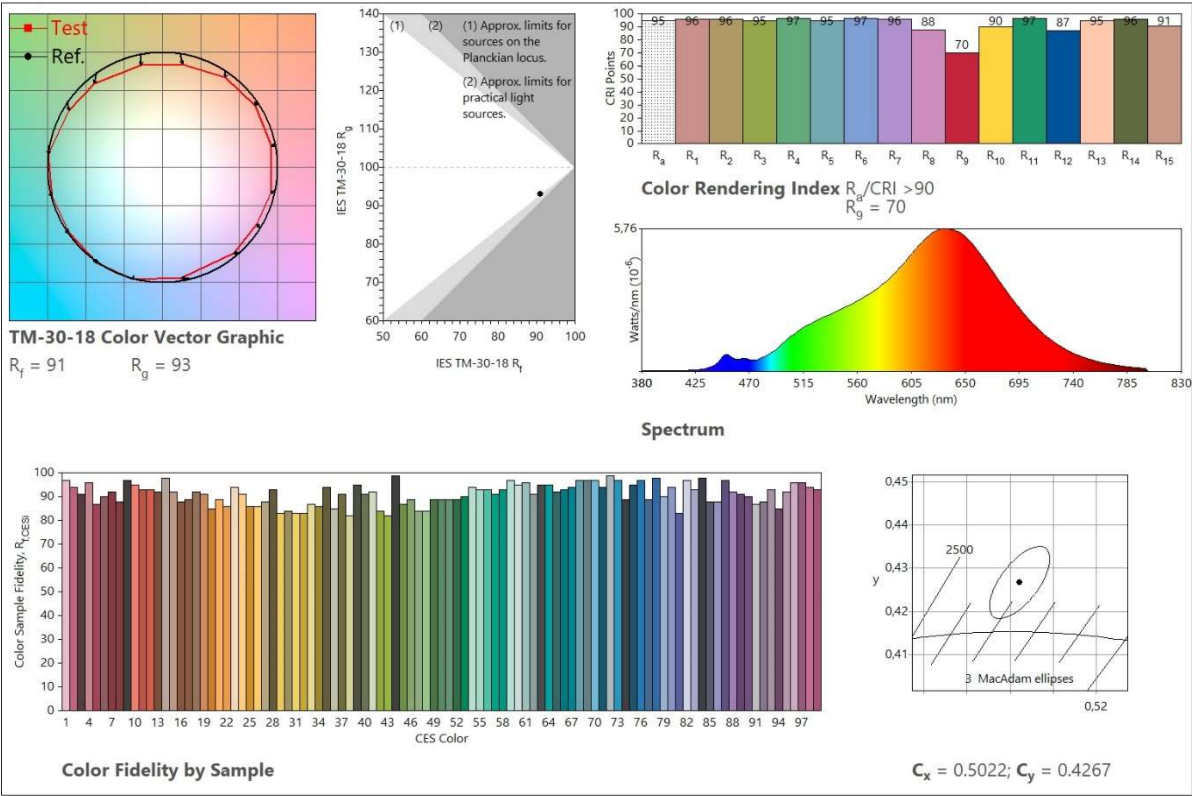


LFPxx00I-G1-840-24-yy L1

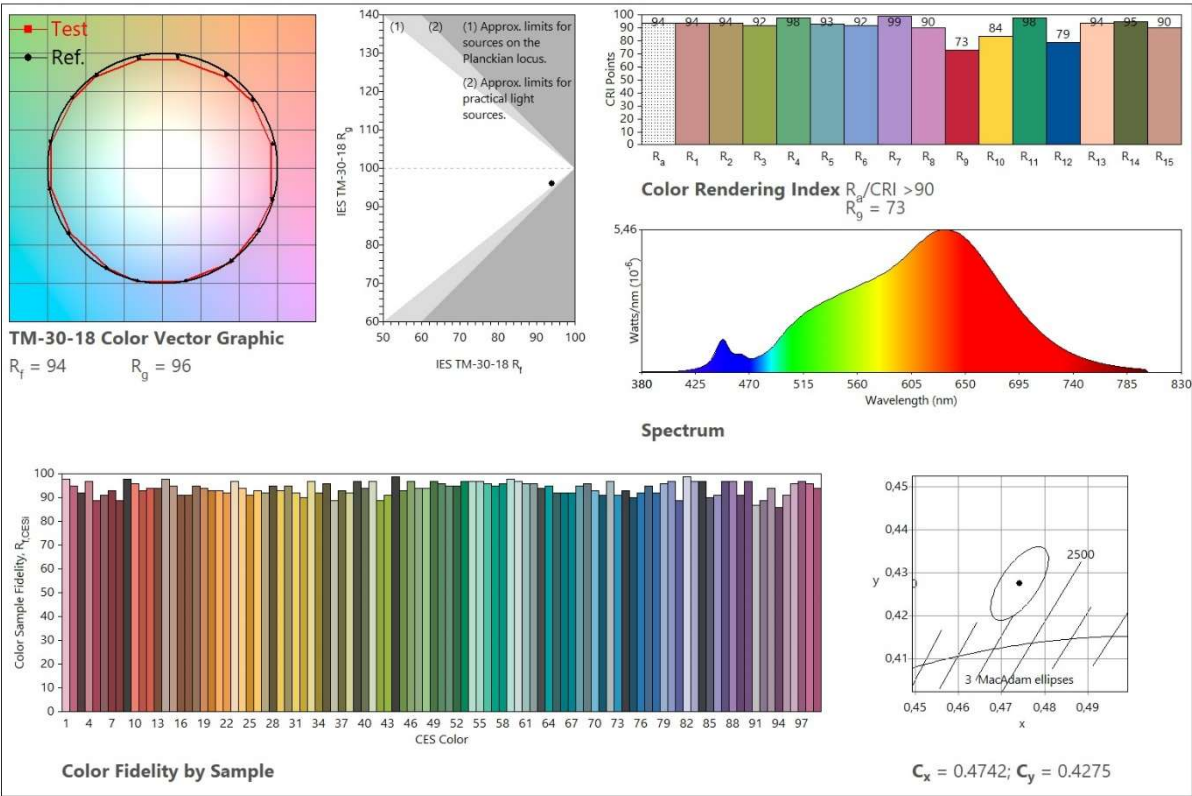


Color output data CRI 90+

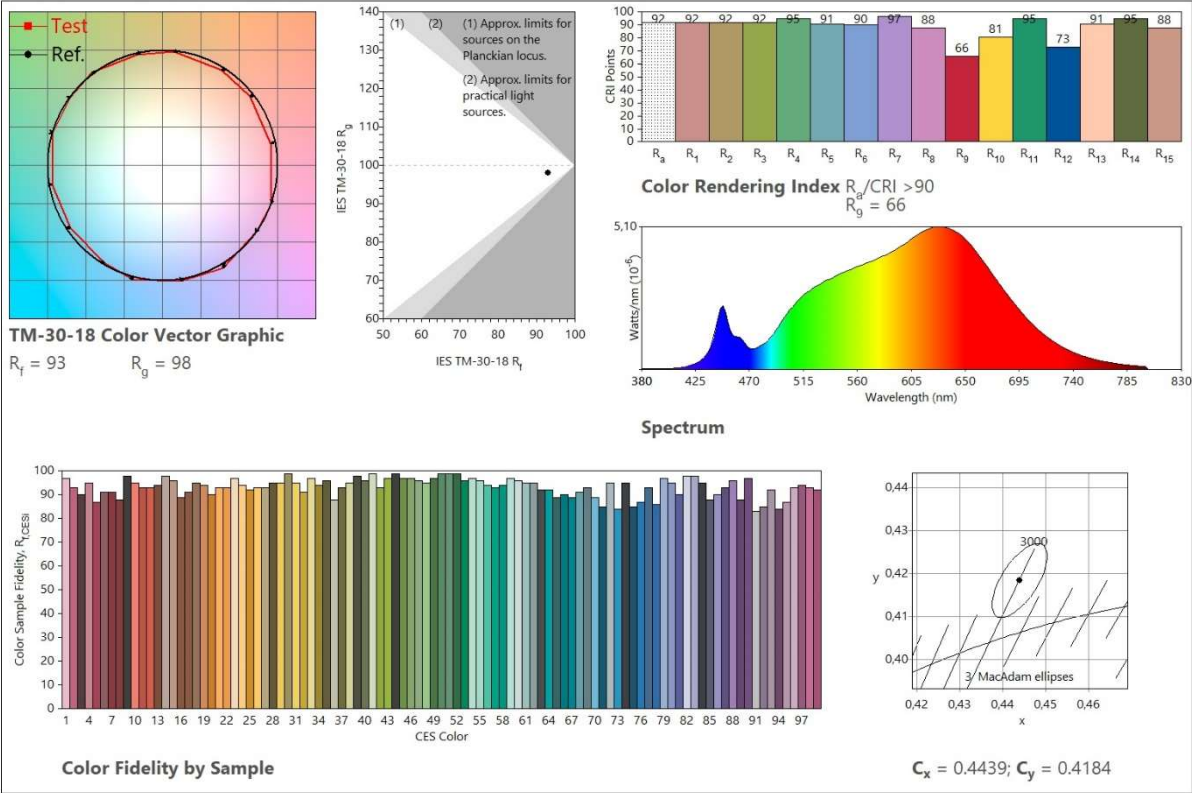
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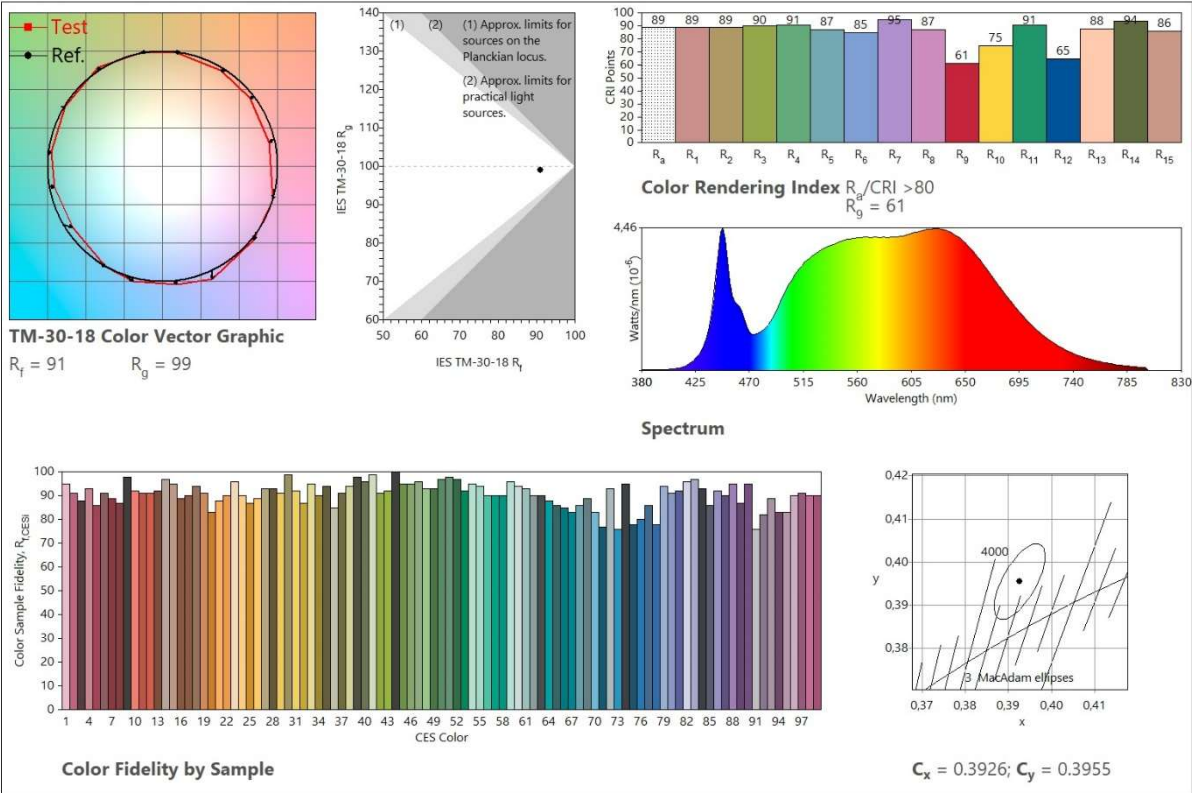
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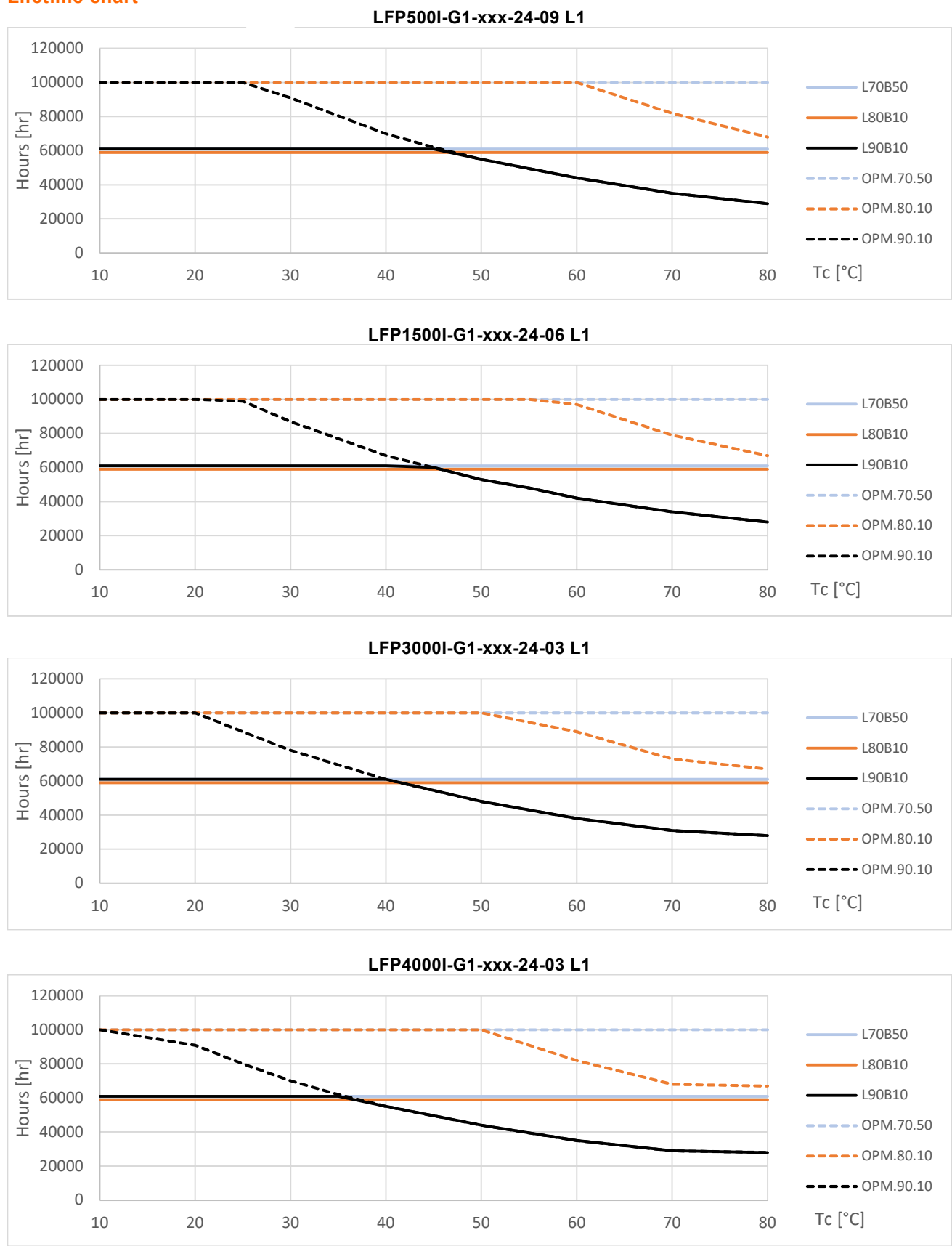
LFPxx00I-G1-930-24-yy L1



LFPxx00I-G1-940-24-yy L1



Lifetime chart



OPM70.50 / OPM80.10 / OPM90.10: Osram Predictive Models based on internal tests and know-how.

Packaging content

Product type	EAN10 Package content
LFP500I-G1-xxx-24-09 L1	1 x Led strip
LFP1500I-G1-xxx-24-06 L1	1 x Led strip
LFP3000I-G1-xxx-24-03 L1	1 x Led strip
LFP4000I-G1-xxx-24-03 L1	1 x Led strip

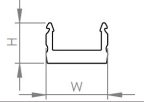
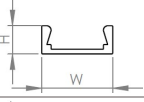
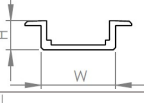
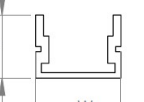
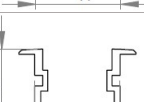
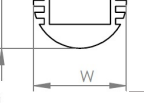
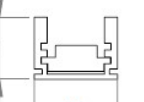
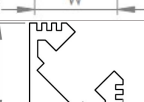
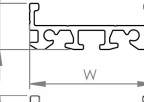
Optional Accessories

Product Type	Product description	Product code (EAN10)	EAN10 Package content
 End cap IP67	ENDCAP-IP67 KIT 10PCS	4062172176552	10 x endcap, 1x glue
 Connector IP67 500mm cable	CONN-FLEX-IP67-2P KIT 5PCS	4062172176590	5 x connectors
 Jumper IP67	JUMPER-FLEX-IP67-2P KIT 5PCS	4062172176576	5 x jumpers

Note 1: All LINEARlight Flex LED strips are fully compatible with OSRAM OT and OTi LED drivers and dimmers.

Note 2: When the LFPxxxxI led module is used in combination with CONN-FLEX-IP67-2P or with JUMPER-FLEX-IP67-2P, the IP protection reached is IP67 and no longer IP66/68.

Profile System thermal compatibility

Track Type	Dimension WxH	Product description	SURFACE MOUNTING			RECESSED MOUNTING		
			LFP500I LFP1500I	LFP3000I	LFP4000I	LFP500I LFP1500I	LFP3000I	LFP4000I
	14.5x9.5 mm	LTS-SLIMTRACK-2000 EAN:4062172207300	55 °C	50 °C	40 °C	55 °C	45 °C	35 °C
	15x6 mm	FX-QMS-G1-TU15H6-300 EAN:4052899448865 (compatible with LFP products only without cover)	55 °C	50 °C	40 °C	55 °C	45 °C	35 °C
	15x6 mm	FX-QMS-G2-TU15H6W3-300 EAN:4052899448889 (compatible with LFP products only without cover)	55 °C	50 °C	40 °C	55 °C	45 °C	35 °C
	16x12 mm	FX-QMS-G2-TU16H12-300 EAN:4052899448964	55 °C	45 °C	40 °C	55 °C	40 °C	30 °C
	16x12 mm	FX-QMS-G1-TU16H12W3-300 EAN:4052899448995	55 °C	45 °C	40 °C	55 °C	40 °C	30 °C
	19x16 mm	FX-QMS-G1-TR19H16-300 EAN:4052899449008	55 °C	45 °C	40 °C	55 °C	40 °C	30 °C
	16x12 mm	FX-QMS-G1-TU16H12LS-300 EAN:4052899449046 (compatible with LFP products only without the inner metal profile)	55 °C	45 °C	40 °C	55 °C	40 °C	30 °C
	19x19 mm	FX-QMS-G1-T45D19H19-300 EAN:4052899448667	55 °C	50 °C	45 °C	55 °C	45 °C	40 °C
	46 x 27 mm	FX-QMW-G1-TK30D46H27-300 EAN:4052899448827	55 °C	55 °C	50 °C	55 °C	55 °C	45 °C
	26x10 mm	FX-QMW-G2-TU26H10-200 EAN: 4062172342636	55 °C	50 °C	40 °C	55 °C	45 °C	35 °C
	26x25 mm	FX-QMW-G2-TU26H25-200 EAN: 4062172342612	55 °C	50 °C	40 °C	55 °C	45 °C	35 °C
	26x25 mm	FX-QMW-G2-TU26H25W10-200 EAN: 4062172342575	55 °C	50 °C	40 °C	55 °C	45 °C	35 °C

Customizations

LINEARlight FLEX INFINITE 24V can also meet the customer needs with additional and different versions that are not available in the standard portfolio.

Here below are reported some solutions that we can provide to the customers.



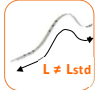
INFINITE family is available from 2400K up to 4000K. Warmer or Colder CCT can be provided on request.



INFINITE family is available in 4 lumen packages. Different lm/m solutions can be provided on request.



INFINITE family is available with 3 different lengths. Longer reels (30, 40,...meters) can be provided on request. The maximum operable length will be the same of the standard product.



INFINITE products can be available with different operable lengths than defined in the standard portfolio.



INFINITE family is available with a flat cable soldered on one end. Different connection systems can be provided on request.

For further information please write to support@inventronicsglobal.com or consult our Flex Poster at <https://www.inventronics-light.com/flex-poster>.

Inventronics is a licensee of ams OSRAM. OSRAM is a trademark of ams OSRAM.

Disclaimer

Subject to change without notice. Errors and omission excepted. Make sure to use the most recent release. All values are average typical and cannot be used as reference for compliance tests. Always refer to the official data on web site: <https://www.inventronics-light.com>

* The color uniformity shown is a result of internal theoretical and statistical evaluation under specific conditions; it is intended to provide our customers with an estimation of color uniformity in real applications. Despite LEDs used in OSRAM strips are single BIN 3 SDCM ellipse, their careful combination in a LED strip with proper manufacturing process, results in a mixed light through a diffusive material which is within a 2SDCM ellipse, with a probability greater than 90%.

Due to variability of each single chip and statistical meth, this indication cannot be considered as legally binding. The guaranteed color consistency claim can be found inside the official data sheets of every product.

** Always ensure that Tc will not exceed the maximum allowed value.