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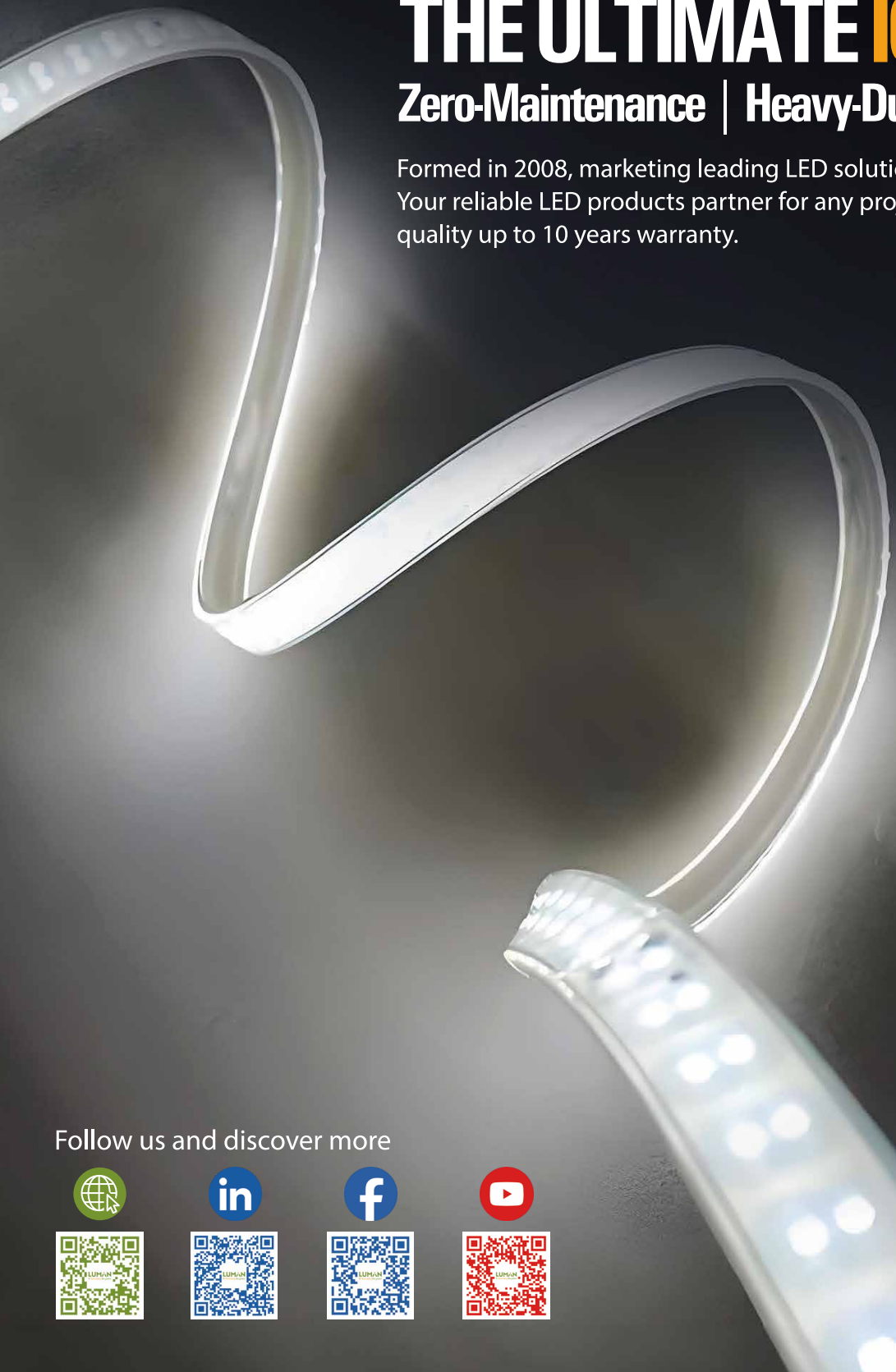
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FLEXTEK PRO

THE ULTIMATE IC LED STRIP

Zero-Maintenance | Heavy-Duty | Industrial-Grade

Formed in 2008, marketing leading LED solution with end-to-end capabilities. Your reliable LED products partner for any projects with superior and reliable quality up to 10 years warranty.



Follow us and discover more



WHO WE ARE ?

Internationally-renowned lighting solutions provider and manufacturer

TLG is an Australian based lighting group founded on the principles of quality, innovation and a strong customer focus. Vertically integrated from product development and design to manufacturing and distribution, with projects in over 40 countries across Asia Pacific, Europe, North America and the Middle East.

LUMAN illuminating the greens + TEKNIK LIGHTING SOLUTIONS = TLG | TEKNIK LUMAN GROUP

CONTENTS

FLEXTEK PRO AC

5-Years Lifetime

220VAC

110VAC

FLEXTEK PRO DC

10-Years Lifetime

110VDC

48VDC

48VDC 590nm / 620nm / 525nm

Amber / Red / Green

2-3hrs EMERGENCY

220V/110VAC

48VDC

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EXTRAORDINARY STRIP LIGHT HIGH VOLTAGE VERSION



KEY FEATURES

- 5-Years Warranty
- AC/DC Constant Current IC Solution
- Brilliant Brightness
- High Temperature Operation
- Customize Length and Output
- Over Voltage Protection

*Power Suspend to Protect LEDs

TECHNICAL SPECIFICATIONS

WARRANTY	5 Years	**SDCM**	<5
RATED LIFETIME	≥50,000 hours	**OPERATING TEMP.**	-30°C ~ +60°C
IP / IK RATINGS	IP67 / IK10	**CONNECTION**	IP68 Connector
MATERIAL	Food Grade Silicon / Transparent	**DIMENSION**	L x 22 (W) x 7 (H) mm
CRI	≥80	**CCT**	4000K / 5700K

MODEL	FP-6-220-L	FP-9-220-L	FP-13-220-L	FP-16-220-L	FP-19-220-L
LED POWER	6.3 W/m	9.5 W/m	12.72 W/m	15.9 W/m	19.1 W/m
LUMEN OUTPUT	951 lm/m	1373 lm/m	1463 lm/m	2210 lm/m	2788 lm/m
Max. Length	210m	130m	105m	55m	60m
PCB	2oz	2oz	2oz	2oz	2oz

MODEL	FP-6-220-H	FP-9-220-H	FP-13-220-H	FP-16-220-H	FP-19-220-H / -E
LED POWER	6.3 W/m	9.5 W/m	12.72 W/m	15.9 W/m	19.1 W/m
LUMEN OUTPUT	951 lm/m	1373 lm/m	1463 lm/m	2210 lm/m	2788 lm/m
Max. Length	300m	190m	140m	110m	80m/110m
PCB	4oz	4oz	4oz	4oz	4oz/8oz

*PCB 8oz available by request

CONVERTER MODEL	FP-LD-2KW	(Optional Drivers option from Meanwell)	
Max. POWER	2000W	**PROTECTION**	Over Voltage/Temperature Protection
INPUT VOLTAGE	220-245VAC	**FEATURES**	Non-Flickering Design
OUTPUT VOTLAGE	300-320VDC	**WARRANTY**	5-Years
DIMENSION	220x50x45mm	**CERTIFICATION**	CE/RoHS

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EXTRAORDINARY STRIP LIGHT
HIGH VOLTAGE VERSION





KEY FEATURES

- 5-Years Warranty
- AC/DC Constant Current IC Solution
- Brilliant Brightness
- Low Temperature Operation
- Zero-Die LEDs Design
- Over Voltage Protection

*Power Suspend to Protect LEDs

TECHNICAL SPECIFICATIONS

WARRANTY	5 Years	**SDCM**	<5
RATED LIFETIME	≥50,000 hours	**OPERATING TEMP.**	-30°C ~ +65°C
IP / IK RATINGS	IP67 / IK10	**CONNECTION**	IP68 Connector
MATERIAL	Food Grade Silicon / Transparent	**DIMENSION / WEIGHT**	L x 22 (W) x 7 (H) mm | 226g/m
CRI / BEAM	≥80 / 120°	**CCT**	4000K / 5700K

MODEL	**FP-4-110-H**	**FP-6-110-H**	**FP-9-110-H**
LEDs / Power	128pcs | 4.6 W/m	144pcs | 6.8 W/m	152pcs | 9.1 W/m
Lumens	650 lm/m (141lm/w)	1120 lm/m (164lm/w)	1580 lm/m (173lm/w)
Max. Length	200m	135m	90m
PCB	4oz	4oz	4oz

MODEL	**FP-4-110-E**	**FP-6-110-E**	**FP-9-110-E**
LEDs / Power	128pcs | 4.6 W/m	144pcs | 6.8 W/m	152pcs | 9.1 W/m
Lumens	650 lm/m (141lm/w)	1120 lm/m (164lm/w)	1580 lm/m (173lm/w)
Max. Length	290m	180m	120m
PCB	8oz	8oz	8oz

CONVERTER MODEL	**FP-LD-2KW**	**(Optional Drivers Option from Meanwell)**	
Max. POWER	2000W	**PROTECTION**	Over Voltage/Temperature Protection
INPUT VOLTAGE	100-120VAC	**FEATURES**	Non-Flickering Design
OUTPUT VOTLAGE	140-160VDC	**WARRANTY**	5-Years
DIMENSION	220x50x45mm	**CERTIFICATION**	CE/RoHS

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PREMIUM STRIP LIGHT
110VDC VERSION





KEY FEATURES

- 10-Years Warranty
- Onsemi IC Solution
- Brilliant Brightness By 200lm/w
- High Temperature Operation Ta65℃
- Customize Length and Output
- Single Run >125m No Light Drops

TECHNICAL SPECIFICATIONS

WARRANTY	10 Years	**SDCM**	<5
RATED LIFETIME	≥70,000 hours	**OPERATING TEMP.**	-30℃ ~ +65℃
IP / IK RATINGS	IP67 / IK10	**INPUT VOLTAGE**	110VDC
MATERIAL	Silicon	**FIRE RATING**	UL94-V0
CRI	≥80	**INSTALLATION**	Surface Mount

MODEL	**FP-14D**
POWER	10 W/m
LUMEN OUTPUT	2000 lm/m
EFFICACY	200 lm/W
CCT	4000K/5700K
OPTICS	120°
DIMMABLE	Non-Dim
DIMENSIONS	L x 22 (W) x 7 (H) mm
COLOUR	Transparent
Max. Length	125m Single Run

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INDUSTRIAL GRADE STRIP LIGHT
SELV 48V VERSION



KEY FEATURES

- 10-Years Warranty
- AC/DC IC Solution
- Brilliant Brightness
- High Temperature Operation
- Customize Length and Output
- Over Voltage Protection

TECHNICAL SPECIFICATIONS

WARRANTY	10 Years	**SDCM**	<5
RATED LIFETIME	≥100,000 hours	**OPERATING TEMP.**	-30°C ~ +65°C
IP / IK RATINGS	IP67 / IK10	**CONNECTION**	IP68 Connector
MATERIAL	Food Grade Silicon / Transparent	**DIMENSION**	L x 22 (W) x 7 (H) mm
CRI	≥80	**CCT**	4000K / 5700K

MODEL	**FP-3-48-L**	**FP-4-48-L**	**FP-6-48-L**	**FP-7-48-L**	**FP-9-48-L**
LED POWER	2.88 W/m	4.32 W/m	5.76 W/m	7.2 W/m	8.64 W/m
LUMEN OUTPUT	317 lm/m	448 lm/m	705 lm/m	959 lm/m	1274 lm/m
SINGLE DISTANCE	100m	80m	65m	55m	45m
PCB	2oz	2oz	2oz	2oz	2oz

MODEL	**FP-3-48-H**	**FP-4-48-H**	**FP-6-48-H**	**FP-7-48-H**	**FP-9-48-H**
LED POWER	2.88 W/m	4.32 W/m	5.76 W/m	7.2 W/m	8.64 W/m
LUMEN OUTPUT	317 lm/m	448 lm/m	705 lm/m	959 lm/m	1274 lm/m
SINGLE DISTANCE	145m	115m	95m	75m	60m
PCB	4oz	4oz	4oz	4oz	4oz

MODEL	**FP-3-48-E**	**FP-4-48-E**	**FP-6-48-E**	**FP-7-48-E**	**FP-9-48-E**
LED POWER	2.88 W/m	4.32 W/m	5.76 W/m	7.2 W/m	8.64 W/m
LUMEN OUTPUT	317 lm/m	448 lm/m	705 lm/m	959 lm/m	1274 lm/m
SINGLE DISTANCE	200m	160m	130m	100m	80m
PCB	8oz	8oz	8oz	8oz	8oz

DRIVER MODEL	**DL-750W-V48-EXS**	**UHP-1000-48**		
Max. POWER	750W	1000W	**PROTECTION**	Over Voltage/Temperature Protection
INPUT VOLTAGE	100-277VAC	90-264VAC	**FEATURES**	Non-Flickering Design
OUTPUT VOTLAGE	48VDC	48VDC	**WARRANTY**	5-Years
DIMENSION	237x100x40m	240x115x41m	**CERTIFICATION**	CE/RoHS

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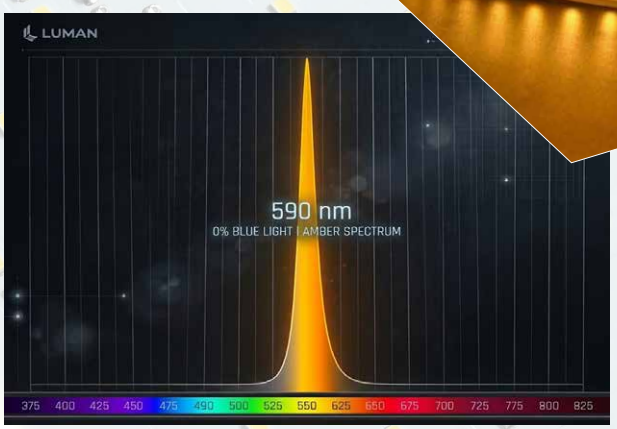
OPTICAL PENETRATION
ZERO-BLUE AMBER STRIP
SELV 48V VERSION





KEY FEATURES

- 7-Years Warranty
- AC/DC IC Solution
- CellarGuard with PureSpectrum
- Low Heat Operation
- Pure 590nm Wavelength
- 0% Blue Light



TECHNICAL SPECIFICATIONS

WARRANTY	7 Years	**SDCM**	<3
RATED LIFETIME	≥100,000 hours	**OPERATING TEMP.**	-30°C ~ +65°C
IP / IK RATINGS	IP67 / IK10	**CONNECTION**	IP68 Connector
MATERIAL	Food Grade Silicon / Transparent	**DIMENSION**	L x 22 (W) x 7 (H) mm
Wavelength	590nm	**CCT**	1800K

MODEL	**FP-15-48-590-E**	**FP-19-48-590-E**	**FP-23-48-590-E**
LED POWER	15.36 W/m	19.2 W/m	23.04 W/m
LUMEN OUTPUT	620 lm/m	827 lm/m	1064 lm/m
SINGLE DISTANCE	75m	55m	50m
PCB	8oz	8oz	8oz

MODEL	**FP-15-48-590-H**	**FP-19-48-590-H**	**FP-23-48-590-H**
LED POWER	15.36 W/m	19.2 W/m	23.04 W/m
LUMEN OUTPUT	620 lm/m	827 lm/m	1064 lm/m
SINGLE DISTANCE	55m	40m	35m
PCB	4oz	4oz	4oz

DRIVER MODEL	**DL-750W-V48-EXS**	**UHP-1000-48**		
Max. POWER	750W	1000W	**PROTECTION**	Over Voltage/Temperature Protection
INPUT VOLTAGE	100-277VAC	90-264VAC	**FEATURES**	Non-Flickering Design
OUTPUT VOTLAGE	48VDC Max.	48-57VDC	**WARRANTY**	5-Years
DIMENSION	237x100x40m	240x115x41m	**CERTIFICATION**	CE/RoHS

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[FlexTEK]

ADVANCED FLEXIBLE LIGHTING RGB SIGNAL LIGHT



KEY FEATURES

- 7-Years Warranty
- Onsemi IC Solution
- OSRAM Chipset
- High Temperature Operation
- Customize Length and Output
- SELV Low Voltage Design

TECHNICAL SPECIFICATIONS

WARRANTY	7 Years	**SDCM**	<5
RATED LIFETIME	≥70,000 hours	**OPERATING TEMP.**	-30°C ~ +70°C
IP / IK RATINGS	IP67 / IK10	**INPUT VOLTAGE**	33-48VDC Max.
MATERIAL	Silicon	**CONNECTION**	IP68 Connector
CRI	N/A	**INSTALLATION**	Surface Mount
MODEL	**RF-2-RGB**		
POWER	2W Per Color (Total 6W)		
LED QUANTITY	Red - 30pcs / Green - 20pcs / Blue 20pcs Per Meter		
LED VOLTAGE	Red - 30V / Green - 27V / Blue 27V		
CCT	Red (620nm) / Green (520nm) / Blue (460nm)		
OPTICS	120°		
DIMMABLE	Non-Dimmable		
DIMENSIONS	20000 x 22 (W) x 7 (H) mm		
COLOUR	Transparent		
Max. Length	200m		

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EMERGENCY SOLUTION

FOR AC GREEN LED STRIP







KEY FEATURES

- 5-Years Warranty
- Unique DC to DC Solution
- Long Distance Support 25-50m
- 2Hrs Discharge time
- Design with Green Light
- IP65 Aluminum Driver box

TECHNICAL SPECIFICATIONS

WARRANTY	5 Years	**BATTERIES**	12.8V LiFePo4
RATED LIFETIME	≥50,000 hours	**OPERATING TEMP.**	-30°C ~ +50°C
IP / IK RATINGS	IP65 / IK08	**EMERGENCY TIME**	>120mins
MATERIAL	PC / Aluminum / Stainless Stain 304 (Optional)	**EMERGENCY BRIGHTNESS**	>40%
CRI	≥80	**INSTALLATION**	Surface Mount

MODEL	**FP-EM-G-25M**	**FP-EM-G-50M**
POWER	35W Max.	70W Max.
DURATION	>2hrs	>2hrs
BATTERY CAPACITY	12.8V 6A	12.8V 6A x 2
CHARGE TIME	>24hrs	>24hrs
CHARGING VOLTAGE	220VDC	220VDC
OUTPUT BRIGHTNESS	>50%	>50%
TEST MODE	AT/MT	AT/MT
DIMENSION	280 x 185 x 80mm	TBC
Max. Length	25m	50m

CONNECTION DIAGRAM



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EMERGENCY SOLUTION

FOR AC/DC VERSION



KEY FEATURES

- 5-Years Warranty
- Unique DC to DC Solution
- Long Distance Support To 100m
- 60-120 Minutes Adjustable
- Customize Power And Duration
- Optional Driver Box (PC/Aluminum/Stainless Stain)

TECHNICAL SPECIFICATIONS

WARRANTY	5 Years	**BATTERIES**	12.8V LiFePo4
RATED LIFETIME	≥50,000 hours	**OPERATING TEMP.**	-30ºC ~ +50ºC
IP / IK RATINGS	IP65 / IK08	**EMERGENCY TIME**	60-120Mins Adjustable
MATERIAL	PC / Aluminum / Stainless Stain 304 (Optional)	**EMERGENCY BRIGHTNESS**	20-40% Adjustable
CRI	≥80	**INSTALLATION**	Surface Mount

MODEL	**FP-EM-77W-HV**	**FP-EM-77W-SELV**
POWER	25-50W Max.	25-50W Max.
LUMEN OUTPUT	400-600lm/m	300-400lm/m
BATTERY CAPACITY	12.8V 6A	12.8V 6A
CHARGE TIME	<24hrs	<24hrs
CHARGING VOLTAGE	220-236VDC	32-48VDC
OUTPUT VOLTAGE	200-210VDC	28-31VDC
TEST MODE	AT/MT	AT/MT
CONNECTION	DC IN x 1 / DC OUT x 1	DC IN x 1 / DC OUT x 1
Max. Length	100m	100m

CONNECTION DIAGRAM

