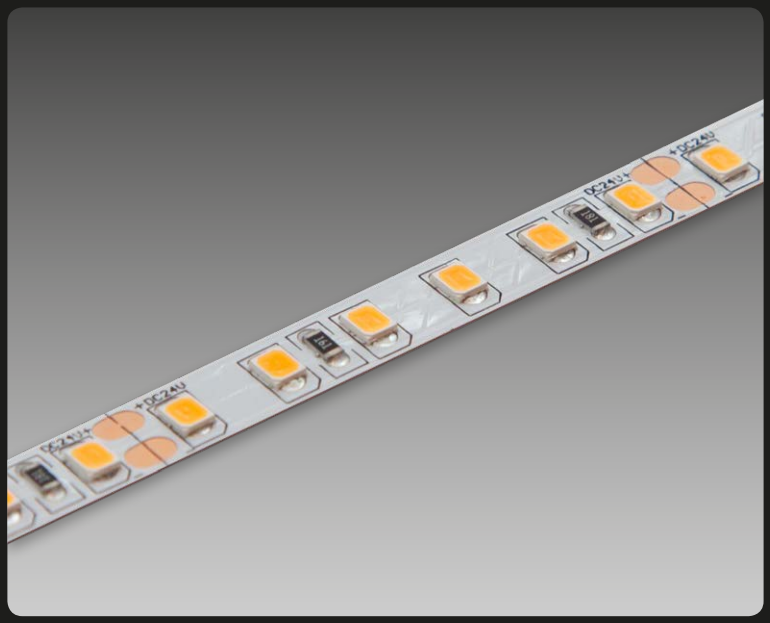
LT10

Core Series 10W

Hi-Spec CRI 90+ HD LED Tape



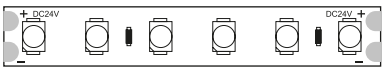
<935 LM PER/M | **10W** PER/M | **24V** PARALLEL

High diode density [120 diodes per/m] for flawless appearance and minimal spotting in shallow profile extrusion. High CRI for accurate colour rendering and bold saturated colours. Custom Halcyon diode binning for extremely uniform light appearance and job consistency.

TECHNICAL

INPUT VOLTAGE	*24V DC*
WATTAGE	*10W per/m*
CURRENT DRAW	*0.4A per/m*
CRI	*CRI 90+ [R9 <86]*
LIFESPAN	*50,000 Hours [L70]*
BEAM ANGLE	*120°*
DRIVER	*Not included, specify according to wattage/current*
AVAILABLE IN	***Standard IP20:*** *2700K Super Warm White, 3000K Warm White or 4000K Natural White* ***IP67 Exterior / Wet Area:*** *2700K Super Warm White, 3000K Warm White or 4000K Natural White*
WARRANTY	*5 Year Warranty*
APPLICATION	*Interior and Exterior linear lighting*

DIMENSIONS



Cut Increments
50mm

Tape Width
Standard: 8mm

IP67: 10mm

IP68: 12mm

Tape Height
Standard: 1.4mm

IP67: 4.8mm

IP68: 4.8mm

IP67 and IP68 Silicon End Cap 12mm (IP67 does not fit Ultra shallow extrusion. IP68 does not fit Mini Standard or Ultra shallow extrusion)

Please Note:
Always calculate cut lengths according to minimum cut increments of LED tape.

Recommended Run Lengths
Single feed max run: 10m**

10m+: Split into increments with invisible joins and use multiple drivers / repeaters for unlimited run lengths.

****Note: 10m length with a single feed will have slight voltage drop at the end of the tape. Best practice for long runs is to configure circuit with dual feeds for no voltage drop.**

STANDARD (IP20)

CODE	COLOUR TEMP	LUMENS	DESCRIPTION
LT10 27K	*2700K Super Warm White*	*795lm per/m*	10W LED tape (specify length when ordering)
LT10 3K	*3000K Warm White*	*795lm per/m*	10W LED tape (specify length when ordering)
LT10 3K3M	*3000K Warm White*	*795lm per/m*	10W, 3 metre LED tape pack, pre-wired with dual 1000mm feeds
LT10 3K5M	*3000K Warm White*	*795lm per/m*	10W, 5 metre LED tape pack, pre-wired with dual 1000mm feeds
LT10 4K	*4000K Natural White*	*935lm per/m*	10W LED tape (specify length when ordering)
LT10 4K3M	*4000K Natural White*	*935lm per/m*	10W, 3 metre LED tape pack, pre-wired with dual 1000mm feeds
LT10 4K5M	*4000K Natural White*	*935lm per/m*	10W, 5 metre LED tape pack, pre-wired with dual 1000mm feeds

EXTERIOR / WET AREA (IP67)

CODE	COLOUR TEMP	LUMENS	DESCRIPTION
LT10 27KX	*2700K Super Warm White*	*675lm per/m*	IP67 10W LED tape (specify length when ordering)
LT10 3KX	*3000K Warm White*	*675lm per/m*	IP67 10W LED tape (specify length when ordering)
LT10 4KX	*4000K Natural White*	*795lm per/m*	IP67 10W LED tape (specify length when ordering)

AVAILABLE IN IP68

CODE	COLOUR TEMP	LUMENS	DESCRIPTION
LT10 3KXX	*3000K Warm White*	*675lm per/m*	IP68 10W LED tape (specify length when ordering)
LT10 4KXX	*4000K Natural White*	*795lm per/m*	IP68 10W LED tape (specify length when ordering)

ACCESSORIES STANDARD

CODE	DESCRIPTION
LTF	Standard red/black feed cable (pre-soldered). Specify length when ordering.
LTFCL	Pendant "Clear" Feed cable (pre-soldered) red/black. Specify length when ordering.
LTJ	Factory join pre-soldered. Specify length when ordering.

ACCESSORIES IP67

CODE	DESCRIPTION
LTFX	IP67 Standard red/black feed cable (pre-soldered). Specify length when ordering.
LTFCLX	IP67 Pendant "Clear" Feed cable (pre-soldered) red/black. Specify length when ordering.
LTJX	IP67 Factory join pre-soldered. Specify length when ordering.

ACCESSORIES IP68

CODE	DESCRIPTION
LTFXX	IP68 Pre-soldered feed cable. Please specify length when ordering.
LTJXX	IP68 Factory join pre-soldered. Specify length when ordering.

INSTALLATION NOTES

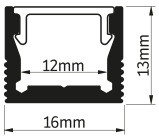
1/ Always check LED Tape wattage and current draw is well within the driver parameters, if in doubt increase driver size.
2/ All Halcyon LED Tape is supplied complete with 3M Adhesive backing.
3/ Our LED tape is tested and QC checked prior to delivery, custom cut lengths are non returnable.
4/ LED tape is fragile, take care during transport and installation. Bending or shaping beyond format supplied is to be avoided at all times.

RECOMMENDED PROFILE

See Profile Specification sheets for full range of Aluminium Profiles

Note: IP67 tape does not fit inside Ultra Shallow Mini profile. IP68 tape does not fit inside Standard Mini or Ultra Shallow Mini profile. Standard IP20 Tape within profile is perfectly suitable for kitchen and bathroom areas.

XS1613



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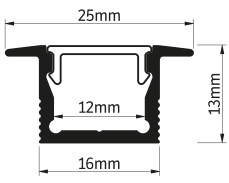
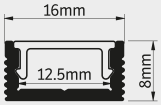
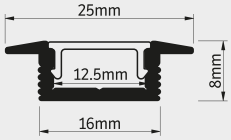


Mini Standard Premium
The Mini Standard is designed for a wide range of installation types. The 13mm depth and Premium Opal Frosted Diffuser creates perfect dot free linear light when using Halcyon HD 5W, 10W, 15W & 20W tape. Perfect for use in hidden or direct line of sight applications, they come complete with smooth aluminium end caps to block all internal light for a truly professional installation.

XS1608



XR2508



Ultra Shallow Premium
The Ultra Shallow is designed for installation into materials with limited depth.