

slight™, the easy way to link LED
product catalogue 2007



Product information subject to change,
check our website www.slight-es.com.

 slight energy systems™

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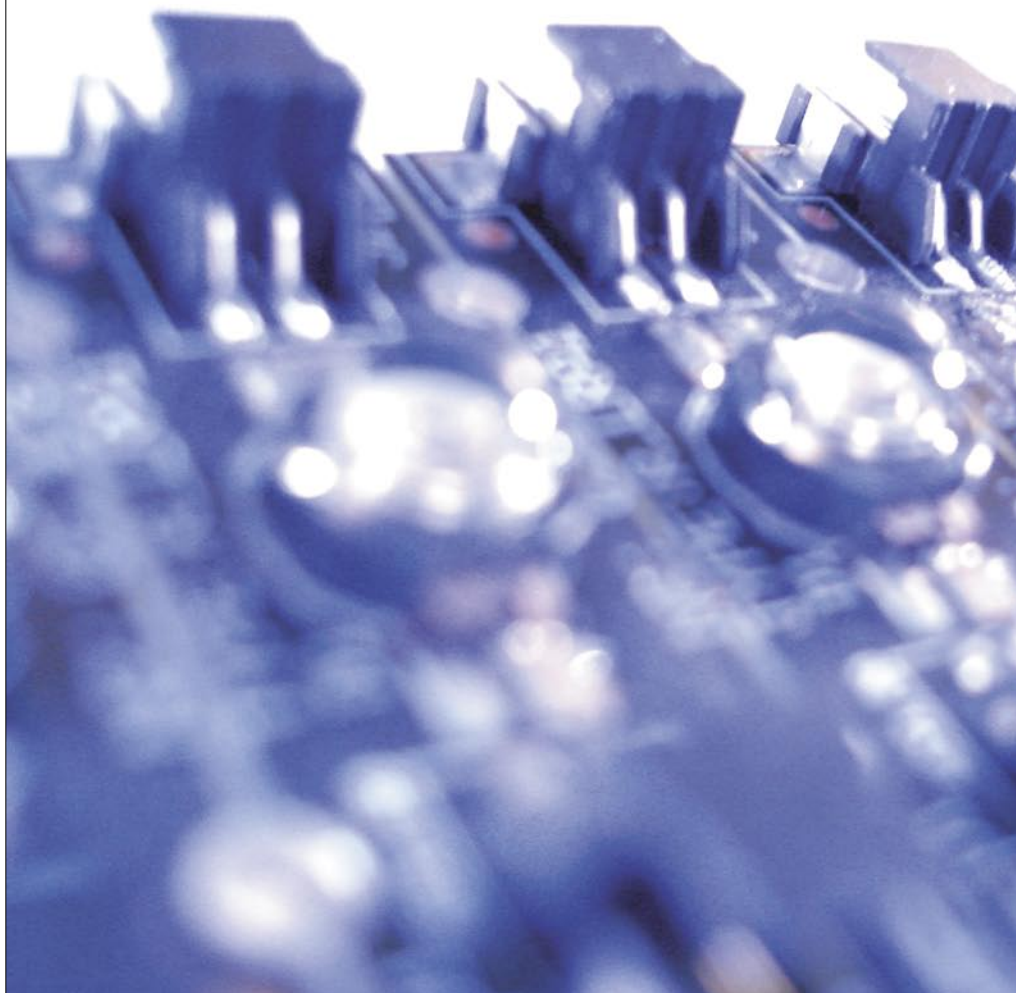
slight energy systems™ sarl is a swiss based company active in the manufacture and the sale of high standard LED luminaires and OEM components dedicated to architectural and decorative lighting.

slight energy systems™ represent the achievement of a development held in collaboration with lighting designers and industrial designers working in the architectural lighting industry.

Security, quality and energy savings are the main advantages of all slight energy systems™ products.

The know-how of slight energy systems™ results from 20 years experience in the entertainment lighting industry using DMX protocol, and 5 years experience in the conception, and installation of complex lighting schemes and designs with LED fixtures.

The slightLink™ products respond to the demanding requests from all architects, lighting designers and installers who need high-end and reliable LED products especially designed for the architectural field.



slightLink™

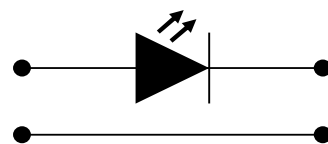
slightLink™ is a full range of LED components that allows creative lighting and signage applications.

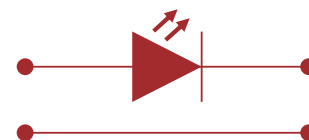
Based on Luxeon™ Power LED, the slightLink™ is a opto-electronic component placed on an aluminium PCB.

Either in single LED (SLK1) or in 3 LEDs modules (SLK3), each component is available in all Luxeon™ colors : red – green – blue – cool white – warm white – amber – orange – red orange-royal blue and cyan.

The slightLink™ range includes also some components used in the LED luminaires from the slight™ serie. Especially the 3, 6 or 12 LEDs strip module « optic ready », The round PCB's with 3, 6 or 30 LEDs, and the square module with 24 LEDs.

Combined with the slight™ current drivers and DMX interface, all LED modules can be dimmed, controlled and integrated in a complex lighting schemes.





PART N°

SLK1

PRODUCT DESCRIPTION

The slightLink™ SLK1 is a single 1W compact module, without connector.

The SLK1 is a very simple and easy solution for all monochromatic purpose.

Available in different LED color, this module can be used with or without optic.

The SLK1 can be used with any simple current driver or with a slight™ DMX driver.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED	: Red - Amber	: 3.0 V / 1W
	: White - Blue - Green	: 3.6 V / 1.2W
Maximum current	: 350mA	
Connectors used	: Without, the pcb has to be soldered	
Compatible Drivers	: ALL SLKC & SLKD serie	

Environmental

Absolute Maximum PCB temperature	: +75°C
Recommended Maximum PCB temperature	: +55 °C

Mechanical

Construction	: Metal PCB
Dimensions	: 38 x 14 mm

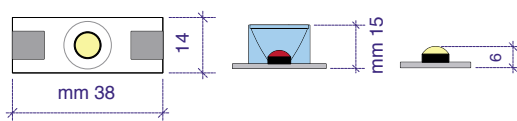
For photometric data, consult Luxeon emitter data sheet.



SLK1 - LED module



SLK1 - LED module dimensions



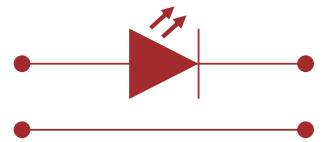
Order code

Colors		Order code
	Cool White --> 5500K	SLK1W
	Warm White --> 3300K	SLK1WW
	Amber	SLK1A
	Red	SLK1R
	Green	SLK1G
	Blue	SLK1B
	Red Orange	SLK1RO
	Royal Blue	SLK1RB
	Cyan	SLK1CY

Accessories

	Order code
slightLink™ cable No cable are necessary for the SLKCT1 module. Only input cable are needed depending on which driver is used.	
slightLink™ driver SLightLink™ cable adapter Tyco 4 --> Tyco 2	SLKD3723 SLKD6723 SLKCT4CT2
slightLink™ driver slightLink™ cable adapter Tyco 4 --> Tyco 2	SLKD3724 SLKD6724 SLKCT4CT2
slightLink™ driver slightLink™ cable adapter Tyco 4 --> Tyco 2	SLKDT1000 - 700 - 350 DMX SLKDT1000 - 700 - 350 SLKCT4CT2 SLKC03-350L & S SLKC03-350-12 SLKC08-350 / SLKC12-350 SLKC12-350D / SLKCDMX
Any 24 vdc transformer if SLK driver are used.	
Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK1CT

PRODUCT DESCRIPTION

The slightLink™ SLK1CT is a single 1W compact module, mounted with Tyco 2 pin connectors.

The SLK1 is a very simple and easy solution for all monochromatic purpose.

Available in different LED color, this module can be used with or without optic.

The SLK1CT can be used with any simple current driver or with a slight™ DMX driver.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
: White - Blue - Green : 3.6 V / 1.2W

Maximum current : 350mA

Connectors used : Tyco 2 pin

Compatible Drivers : ALL SLKC & SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C

Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB

Dimensions : 38 x 14 mm

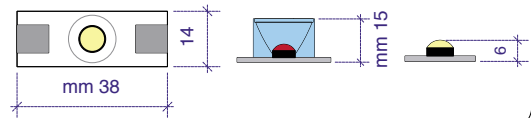
For photometric data, consult Luxeon emitter data sheet.



SLK1CT - LED module



SLK1CT - LED module dimensions



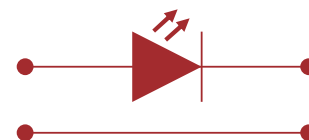
Order code

Colors		Order code
	Cool White --> 5500K	SLK1CTW
	Warm White --> 3300K	SLK1CTWW
	Amber	SLK1CTA
	Red	SLK1CTR
	Green	SLK1CTG
	Blue	SLK1CTB
	Red Orange	SLK1CTRO
	Royal Blue	SLK1CTRB
	Cyan	SLK1CTCY

Accessories

		Order code
	slightLink™ cable slightLink™ common connector	SLKCT2-I (input) SLKCT2-C (common) SLKCT2-050 SLKCT2-100 SLKCT2-200 SLKCT2-xx (custom length)
	slightLink™ driver	SLKD3723 SLKD6723
	slightLink™ cable adapter Tyco 4 --> Tyco 2	SLKCT4CT2
	slightLink™ driver	SLKD3724 SLKD6724
	slightLink™ cable adapter Tyco 4 --> Tyco 2	SLKCT4CT2
	slightLink™ driver	SLKDT1000 - 700 - 350 DMX SLKDT1000 - 700 - 350 SLKCT4CT2 SLKC03-350L & S SLKC03-350-12 SLKC08-350 / SLKC12-350 SLKC12-350D / SLKCDMX
	Any 24 vdc transformer if SLK driver are used.	
	Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK3

PRODUCT DESCRIPTION

The slightLink™ SLK3 is a small rectangular module with a group of 3 LEDs placed in line, without connectors.

This module is available in any color combination (RBG – White in different temperatures). The SLK3 is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 350mA
 Connectors used : Without, the pcb has to be soldered
 Compatible Drivers : ALL SLKC & SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

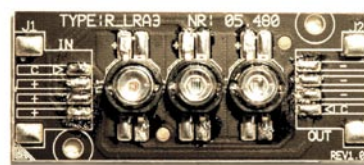
Mechanical

Construction : Metal PCB
 Dimensions : 50 x 21 mm
 LED pitch : 2mm

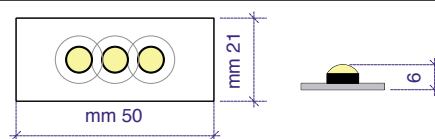
For photometric data, consult Luxeon emitter data sheet.

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SLK3 - LED module



SLK3 - LED module dimensions



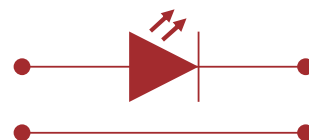
Order code

Colors		Order code
Single color :		
	Cool White --> 5500K	SLK3W
	Warm White --> 3300K	SLK3WW
	Amber	SLK3A
	Red	SLK3R
	Green	SLK3G
	Blue	SLK3B
	Red Orange	SLK3RO
	Royal Blue	SLK3RB
	Cyan	SLK3CY
Color combinations :		
	RGB	SLK3RGB
	Warm White / Amber / White	SLK3WAW
	Custom color configuration	SLK3XXX

Accessories

	Order code
	slightLink™ cable No cable are necessary for the SLK3 module. Only input cable are needed depending on which driver is used.
	slightLink™ driver SLKD3723 SLKD6723
	slightLink™ driver SLKD3724 SLKD6724
	slightLink™ driver SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
	Any 24 vdc transformer if SLK driver are used.
	Any Lens for Luxeon LED

Consult the driver section how to wire the slightLink™ system



PART N°

SLK3CT

PRODUCT DESCRIPTION

The slightLink™ SLK3CT is a small rectangular module with a group of 3 LEDs placed in line, mounted with Tyco 4 pin connectors.

This module is available in any color combination (RBG – White in different temperatures). The SLK3CT is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be stuck on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 350mA
 Connectors used : Tyco 4 pin
 Compatible Drivers : ALL SLKC & SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

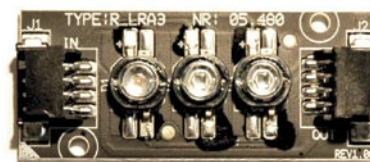
Mechanical

Construction : Metal PCB
 Dimensions : 50 x 21mm
 LED pitch : 2mm

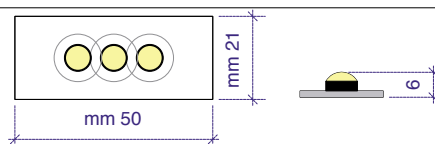
For photometric data, consult Luxeon emitter data sheet.



SLK3CT - LED module



SLK3CT - LED module dimensions



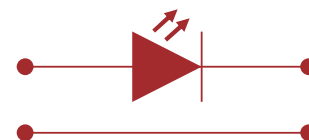
Order code

Colors		Order code
	Single color :	
	Cool White --> 5500K	SLK3CTW
	Warm White --> 3300K	SLK3CTWW
	Amber	SLK3CTA
	Red	SLK3CTR
	Green	SLK3CTG
	Blue	SLK3CTB
	Red Orange	SLK3CTRO
	Royal Blue	SLK3CTRB
	Cyan	SLK3CTCY
	Color combinations :	
	RGB	SLK3CTRGB
	Warm White / Amber / White	SLK3CTWAW
	Custom color configuration	SLK3CTXXX

Accessories

	Order code
	slightLink™ cable slightLink™ common connector SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
	slightLink™ driver SLKD3723 SLKD6723
	slightLink™ driver SLKD3724 SLKD6724
	slightLink™ driver SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
	Any 24 vdc transformer if SLK driver are used.
	Any Lens for Luxeon LED

Consult the driver section how to wire the slightLink™ system



PART N°

SLK3D

PRODUCT DESCRIPTION

The slightLink™ SLK3D is a small rectangular module with 3 LEDs placed in a triangle, mounted with Tyco 4 pin connectors.

This module is available in any color combination (RBG – White in different temperatures). The SLK3D is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 350mA
 Connectors used : Tyco 4 pin
 Compatible Drivers : All SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
 Dimensions : 60 x 33 mm

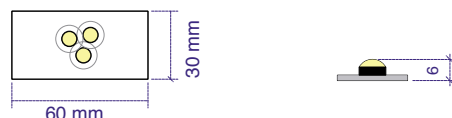
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLK3D - LED module



SLK3D - LED module dimensions



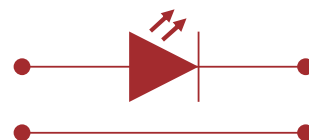
Order code

Colors		Order code
Single color :		
	Cool White --> 5500K	SLK3DW
	Warm White --> 3300K	SLK3DWW
	Amber	SLK3DA
	Red	SLK3DR
	Green	SLK3DG
	Blue	SLK3DB
	Red Orange	SLK3DRO
	Royal Blue	SLK3DRB
	Cyan	SLK3DCY
Color combinations :		
	RGB	SLK3DGB
	Warm White / Amber / White	SLK3DWAW
	Custom color configuration	SLK3DXXX

Accessories

		Order code
	slightLink™ cable slightLink™ common connector	SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
	slightLink™ driver	SLKD3723 SLKD6723
	slightLink™ driver	SLKD3724 SLKD6724
	slightLink™ driver	SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
	Any 24 vdc transformer if SLK driver are used.	
	Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK0333

PRODUCT DESCRIPTION

The slightLink™ SLK0333 is a strip module with a group of 3 LEDs placed in line with 33 mm LED pitch. Any kind of 20mm lenses for Luxeon LEDs can be placed on it. The pcb is mounted with Tyco 4 pin connectors.

This module is available in any color combination. The SLK0333 is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
: White - Blue - Green : 3.6 V / 1.2W

Maximum current : 350mA
Connectors used : Tyco 4 pin
Compatible Drivers : All SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
Dimensions : 99 x 33 mm
LED pitch : 33mm

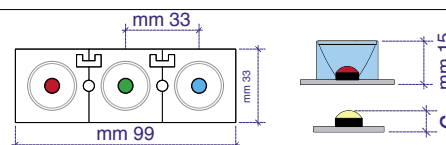
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLK0333 - LED module



SLK0333 - LED module dimensions



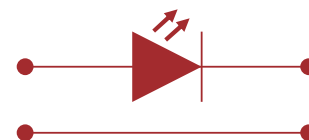
Order code

Colors	Order code
Single color :	
Cool White --> 5500K	SLK0333W
Warm White --> 3300K	SLK0333WW
Amber	SLK0333A
Red	SLK0333R
Green	SLK0333G
Blue	SLK0333B
Red Orange	SLK0333RO
Royal Blue	SLK0333RB
Cyan	SLK0333CY
Color combinations :	
RGB	SLK0333GB
Warm White / Amber / White	SLK0333WAW
Custom color configuration	SLK0333XXX

Accessories

	Order code
slightLink™ cable slightLink™ common connector	SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
slightLink™ driver	SLKD3723 SLKD6723
slightLink™ driver	SLKD3724 SLKD6724
slightLink™ driver	SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
Any 24 vdc transformer if SLK driver are used.	
Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK0633

PRODUCT DESCRIPTION

The slightLink™ SLK0633 is a strip module with a group of 6 LEDs placed in line with 33 mm LED pitch. Any kind of 20mm lenses for Luxeon LEDs can be placed on it. The pcb is mounted with Tyco 4 pin connectors.

This module is available in any color combination. The SLK0333 is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
: White - Blue - Green : 3.6 V / 1.2W

Maximum current : 350mA
Connectors used : Tyco 4 pin
Compatible Drivers : All SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
Dimensions : 200 x 33 mm
LED pitch : 33mm

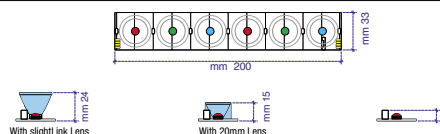
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLK0633 - LED module



SLK0633 - LED module dimensions



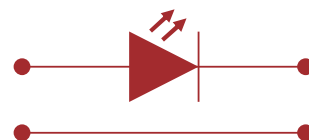
Order code

Colors	Order code
Single color :	
Cool White --> 5500K	SLK0633W
Warm White --> 3300K	SLK0633WW
Amber	SLK0633A
Red	SLK0633R
Green	SLK0633G
Blue	SLK0633B
Red Orange	SLK0633RO
Royal Blue	SLK0633RB
Cyan	SLK0633CY
Color combinations :	
RGB	SLK0633GB
Warm White / Amber / White	SLK0633WAW
Custom color configuration	SLK0633XXX

Accessories

	Order code
slightLink™ cable slightLink™ common connector	SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
slightLink™ driver	SLKD3723 SLKD6723
slightLink™ driver	SLKD3724 SLKD6724
slightLink™ driver	SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
Any 24 vdc transformer if SLK driver are used.	
Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK01233

PRODUCT DESCRIPTION

The slightLink™ SLK01233 is a strip module with a group of 12 LEDs placed in line with 33 mm LED pitch. Any kind of 20mm lenses for Luxeon LEDs can be placed on it. The pcb is mounted with Tyco 4 pin connectors.

This module is available in any color combination. The SLK0333 is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
: White - Blue - Green : 3.6 V / 1.2W

Maximum current : 350mA
Connectors used : Tyco 4 pin
Compatible Drivers : All SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
Dimensions : 399 x 33 mm
LED pitch : 33mm

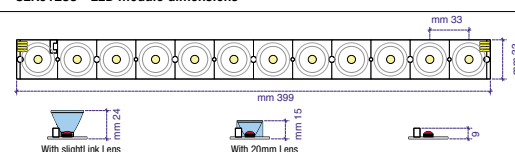
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLK01233 - LED module



SLK01233 - LED module dimensions



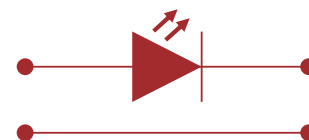
Order code

Colors	Order code
Single color :	
Cool White --> 5500K	SLK01233W
Warm White --> 3300K	SLK01233WW
Amber	SLK01233A
Red	SLK01233R
Green	SLK01233G
Blue	SLK01233B
Red Orange	SLK01233RO
Royal Blue	SLK01233RB
Cyan	SLK01233CY
Color combinations :	
RGB	SLK01233GB
Warm White / Amber / White	SLK01233WAW
Custom color configuration	SLK01233XXX

Accessories

	Order code
slightLink™ cable slightLink™ common connector	SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
slightLink™ driver	SLKD3723 SLKD6723
slightLink™ driver	SLKD3724 SLKD6724
slightLink™ driver	SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
Any 24 vdc transformer if SLK driver are used.	
Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK0325

PRODUCT DESCRIPTION

The slightLink™ SLK0325 is a strip module with a group of 3 LEDs placed in line with 25 mm LED pitch. Any kind of 20mm lenses for Luxeon LEDs can be placed on it. The pcb is mounted with Tyco 4 pin connectors.

This module is available in any color combination. The SLK0325 is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
: White - Blue - Green : 3.6 V / 1.2W

Maximum current : 350mA
Connectors used : Tyco 4 pin
Compatible Drivers : All SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
Recommended Maximum PCB temperature : +55 °C

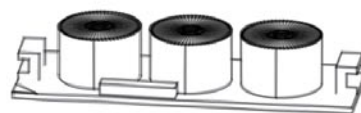
Mechanical

Construction : Metal PCB
Dimensions : 90 x 32 mm
LED pitch : 25mm

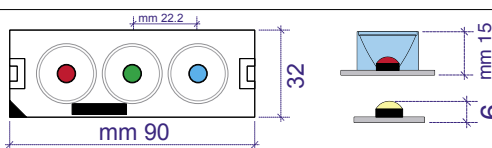
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLK0325 - LED module



SLK0325 - LED module serie dimensions



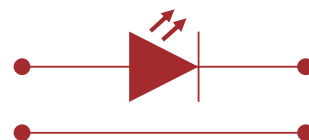
Order code

Colors	Order code
Single color :	
Cool White --> 5500K	SLK0325W
Warm White --> 3300K	SLK0325WW
Amber	SLK0325A
Red	SLK0325R
Green	SLK0325G
Blue	SLK0325B
Red Orange	SLK0325RO
Royal Blue	SLK0325RB
Cyan	SLK0325CY
Color combinations :	
RGB	SLK0325GB
Warm White / Amber / White	SLK0325WAW
Custom color configuration	SLK0325XXX

Accessories

	Order code
slightLink™ cable slightLink™ common connector	SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
slightLink™ driver	SLKD3723 SLKD6723
slightLink™ driver	SLKD3724 SLKD6724
slightLink™ driver	SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
Any 24 vdc transformer if SLK driver are used.	
Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK0625

PRODUCT DESCRIPTION

The slightLink™ SLK0625 is a strip module with a group of 3 LEDs placed in line with 25 mm LED pitch. Any kind of 20mm lenses for Luxeon LEDs can be placed on it. The pcb is mounted with Tyco 4 pin connectors.

This module is available in any color combination. The SLK0625 is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
: White - Blue - Green : 3.6 V / 1.2W

Maximum current : 350mA
Connectors used : Tyco 4 pin
Compatible Drivers : All SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
Recommended Maximum PCB temperature : +55 °C

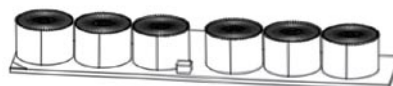
Mechanical

Construction : Metal PCB
Dimensions : 144 x 32mm
LED pitch : 25mm

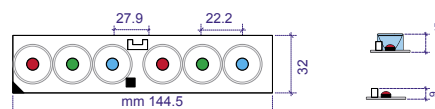
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLK0625 - LED module



SLK0625 - LED module dimensions



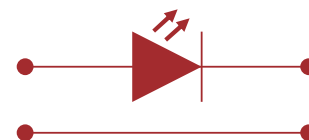
Order code

Colors	Order code
Single color :	
Cool White --> 5500K	SLK0625W
Warm White --> 3300K	SLK0625WW
Amber	SLK0625A
Red	SLK0625R
Green	SLK0625G
Blue	SLK0625B
Red Orange	SLK0625RO
Royal Blue	SLK0625RB
Cyan	SLK0625CY
Color combinations :	
RGB	SLK0625GB
Warm White / Amber / White	SLK0625WAW
Custom color configuration	SLK0625XXX

Accessories

	Order code
slightLink™ cable slightLink™ common connector	SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
slightLink™ driver	SLKD3723 SLKD6723
slightLink™ driver	SLKD3724 SLKD6724
slightLink™ driver	SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
Any 24 vdc transformer if SLK driver are used.	
Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLK01225

PRODUCT DESCRIPTION

The slightLink™ SLK01225 is a strip module with a group of 3 LEDs placed in line with 25 mm LED pitch. Any kind of 20mm lenses for Luxeon LEDs can be placed on it. The pcb is mounted with Tyco 4 pin connectors.

This module is available in any color combination. The SLK01225 is dedicated to any interior decorative illumination that request color changes. It also available in monochromatic colors.

This module can be controlled with a (DMX) color driver to get the best results in instant color mixing.

The adhesive thermal tape on back side should be sticked on any thermally conductive surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 350mA
 Connectors used : Tyco 4 pin
 Compatible Drivers : ALL SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
 Dimensions : 289 x 32 mm
 LED pitch : 25mm

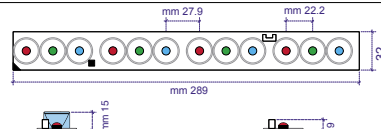
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLK01225 - LED module



SLK01225 - LED module dimensions



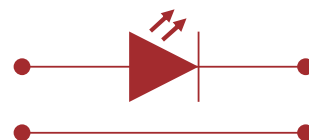
Order code

Colors		Order code
Single color :		
	Cool White --> 5500K	SLK01225W
	Warm White --> 3300K	SLK01225WW
	Amber	SLK01225A
	Red	SLK01225R
	Green	SLK01225G
	Blue	SLK01225B
	Red Orange	SLK01225RO
	Royal Blue	SLK01225RB
	Cyan	SLK01225CY
Color combinations :		
	RGB	SLK01225GB
	Warm White / Amber / White	SLK01225WAW
	Custom color configuration	SLK01225XXX

Accessories

		Order code
	slightLink™ cable slightLink™ common connector	SLKCT4-I (input) SLKCT4-C (common) SLKCT4-050 SLKCT4-100 SLKCT4-200 SLKCT4-xx (custom length)
	slightLink™ driver	SLKD3723 SLKD6723
	slightLink™ driver	SLKD3724 SLKD6724
	slightLink™ driver	SLKDT1000DMX SLKDT700DMX SLKDT350DMX SLKDT1000 SLKDT700 SLKDT350
	Any 24 vdc transformer if SLK driver are used.	
	Any Lens for Luxeon LED	

Consult the driver section how to wire the slightLink™ system



PART N°

SLKPR3

PRODUCT DESCRIPTION

The slightLink™ SLKPR3 is a small PCB module with 3 LEDs.

This module is available in any color combination (RBG – White in different temperatures). The PCBR3 is also available in monochromatic colors.

This module doesn't have on-board DMX driver. It can be controlled with a separate DMX color driver SLKDR3 to get the best results in instant color mixing.

The adhesive thermal tape on back side should be stucked on any thermally conductive thick surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luexon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 24 vdc
 Connectors used : Molex 8 pin
 Compatible Drivers : On Board driver

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
 Dimensions : DIAM 65 mm

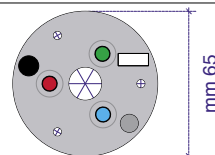
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLKPR3 - LED module



SLKPR3 - LED module dimensions



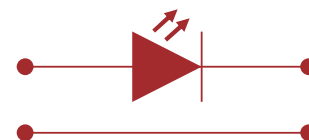
Order code

Colors	Order code	
	DMX	No DMX
Single color :		
Cool White --> 5500K		SLKPR3W
Warm White --> 3300K		SLKPR3WW
Amber		SLKPR3A
Red		SLKPR3R
Green		SLKPR3G
Blue		SLKPR3B
Red Orange		SLKPR3RO
Royal Blue		SLKPR3RB
Cyan		SLKPR3CY
Color combinations :		
RGB		-
Warm White / Amber / White		-
Custom color configuration		-

Accessories

	Order code
slightLink™ cable For DMX Without DMX, no cable are necessary. Power input are to be soldered.	SLKCM8-80 SLKCM8-200 SLKCM8-300 SLKCM8-XXX
slightLink™ DMX driver	SLKDR3DMX
Any 24 vdc transformer, current driver is on board.	
Any slightLink™ Lens	

Consult the SLKP pcb serie section how to wire the system



PART N°

SLKPR6

PRODUCT DESCRIPTION

The slightLink™ SLKPR6 is a PCB module with 6 LEDs.

This module is available in any color combination with 3 groups of 2 LEDs (RBG – White in different temperatures).

Current control and the DMX is on board.

This module is available with or without DMX driver to get the best results in instant color mixing.

The SLK P6 is also available in monochromatic colors.

The adhesive thermal tape on back side should be sticked on any thermally conductive thick surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 24 vdc
 Connectors used : none
 Compatible Drivers : On board

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
 Dimensions : Diam 95 mm

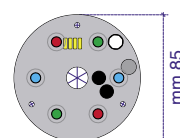
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLKPR6 - LED module



SLKPR6 - LED module dimensions



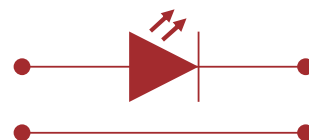
Order code

Colors		Order code	
Single color :		DMX	No DMX
	Cool White --> 5500K	SLKPR6WDMX	SLKPR6W
	Warm White --> 3300K	SLKPR6WDMX	SLKPR6WW
	Amber	SLKPR6ADMX	SLKPR6A
	Red	SLKPR6RDMX	SLKPR6R
	Green	SLKPR6GDMX	SLKPR6G
	Blue	SLKPR6BDMX	SLKPR6B
	Red Orange	SLKPR6RODMX	SLKPR6RO
	Royal Blue	SLKPR6RBDMX	SLKPR6RB
	Cyan	SLKPR6CYDMX	SLKPR6CY
Color combinations :			
	RGB	SLKPR6GBDMX	-
	Warm White / Amber / White	SLKPR6AWDMX	-
	Custom color configuration	SSLKPR6XXDMX	-

Accessories

		Order code
	slightLink™ cable No cable are necessary, DMX and power input has to be soldered on the PCB directly.	
	Any 24 vdc transformer, current driver is on board.	
	Any slightLink™ Lens	

Consult the SLKP pcb serie section how to wire the system



PART N°

SLKPR30

PRODUCT DESCRIPTION

The slightLink™ SLKPR30 is a large PCB module with 30 LEDs.

This module is available in any color combination with 3 groups of 10 LEDs (RBG – White in different temperatures).

Current control and the DMX is on board.

This module is available with or without DMX driver to get the best results in instant color mixing.

The SLKPR30 is also available in monochromatic colors.

The adhesive thermal tape on back side should be sticked on any thermally conductive thick surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 24 vdc
 Connectors used : none
 Compatible Drivers : On board

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
 Dimensions : Diam. 169

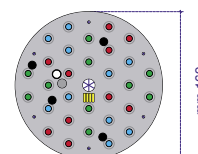
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLKPR30 - LED module



SLKPR30- LED module dimensions



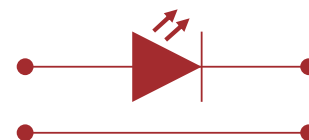
Order code

Colors		Order code	
Single color :		DMX	No DMX
	Cool White --> 5500K	SLKPR30WDMX	SLKPR30W
	Warm White --> 3300K	SLKPR30WDMX	SLKPR30WW
	Amber	SLKPR30ADMX	SLKPR30A
	Red	SLKPR30RDMX	SLKPR30R
	Green	SLKPR30GDMX	SLKPR30G
	Blue	SLKPR30BDMX	SLKPR30B
	Red Orange	SLKPR30RODMX	SLKPR30RO
	Royal Blue	SLKPR30RBDMX	SLKPR30RB
	Cyan	SLKPR30CYDMX	SLKPR30CY
Color combinations :			
	RGB	SLKPR30GBDMX	-
	Warm White / Amber / White	SLKPR30AWDMX	-
	Custom color configuration	SLKPR30XXDMX	-

Accessories

		Order code
	slightLink™ cable No cable are necessary, DMX and power input has to be soldered on the PCB directly.	
	Any 24 vdc transformer, current driver is on board.	
	Any slightLink™ Lens	

Consult the SLKP pcb serie section how to wire the system



PART N°

SLKPS24

PRODUCT DESCRIPTION

The slightLink™ SLKPS24 is a large PCB module with 24 LEDs. This module is available in any color combination with 3 groups of 8 LEDs (RBG – White in different temperatures).

Current control and the DMX is on board.

This module is available with or without DMX driver to get the best results in instant color mixing.

The SLKPS24 is also available in monochromatic colors.

The adhesive thermal tape on back side should be stucked on any thermally conductive thick surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 24 vdc
 Connectors used : none
 Compatible Drivers : On board

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
 Dimensions : 161 x 105mm

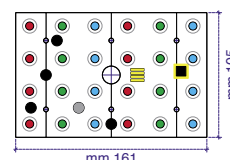
For photometric data, consult Luxeon emitter data sheet.

slightLink™

SLKPS24 - LED module



SLKPS24- LED module dimensions



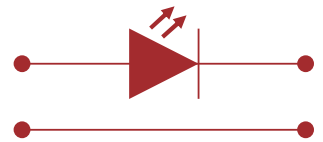
Order code

Colors		Order code	
Single color :		DMX	No DMX
	Cool White --> 5500K	SLKPS24WDMX	SLKPS24W
	Warm White --> 3300K	SLKPS24WDDMX	SLKPS24WW
	Amber	SLKPS24ADMX	SLKPS24A
	Red	SLKPS24RDMX	SLKPS24R
	Green	SLKPS24GDMX	SLKPS24G
	Blue	SLKPS24BDMX	SLKPS24B
	Red Orange	SLKPS24RODMX	SLKPS24RO
	Royal Blue	SLKPS24RBDMX	SLKPS24RB
	Cyan	SLKPS24CYDMX	SLKPS24CY
Color combinations :			
	RGB	SLKPS24GBDMX	-
	Warm White / Amber / White	SLKPS24WAWDMX	-
	Custom color configuration	SLKPS24XXDMX	-

Accessories

		Order code
	slightLink™ cable No cable are necessary, DMX and power input has to be soldered on the PCB directly.	
	Any 24 vdc transformer, current driver is on board.	
	Any slightLink™ Lens	

Consult the SLKP pcb serie section how to wire the system



PART N°

SLKPL12

PRODUCT DESCRIPTION

The slightLink™ SLKPL12 is a strip module with 12 LEDs.

This module is available in any color combination with 3 groups of 4 LEDs (RBG – White in different temperatures).

The SLKPL12 is also available in monochromatic colors.

This module can be controlled by any driver from the SLKD serie to get the best results in instant color mixing.

The adhesive thermal tape on back side should be stucked on any thermally conductive thick surface.

Features

- Long operating life of 50,000 hours at 55°C operation
- Optimised thermal management
- Compact low profile design
- Simple plug and play operation
- Compatible with standard 20mm lens optic for luxeon LED
- No ultra violet
- Energy efficient

Electrical

Power consumption per LED : Red - Amber : 3.0 V / 1W
 : White - Blue - Green : 3.6 V / 1.2W
 Maximum current : 350mA
 Connectors used : Molex 4 pin connector
 Compatible Drivers : ALL SLKD serie

Environmental

Absolute Maximum PCB temperature : +75°C
 Recommended Maximum PCB temperature : +55 °C

Mechanical

Construction : Metal PCB
 Dimensions : 339 x 33mm
 LED pitch : 33mm

For photometric data, consult Luxeon emitter data sheet.

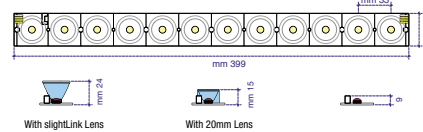
!! Order Molex 4 pin connector PCB driver - > SLKDM serie !!

slightLink™

SLKPL12 - LED module



SLKPL12- LED module dimensions



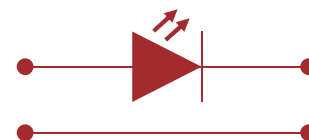
Order code

Colors		Order code	
Single color :		DMX	No DMX
	Cool White --> 5500K	Order driver SLKDM1000DMX SLKDM700DMX SLKDM350DMX SLKDM1000 SLKDM700 SLKDM350 separately	SLKPL12W
	Warm White --> 3300K		SLKPL12WW
	Amber		SLKPL12A
	Red		SLKPL12R
	Green		SLKPL12G
	Blue		SLKPL12B
	Red Orange		SLKPL12RO
	Royal Blue		SLKPL12RB
	Cyan		SLKPL12CY
	Color combinations :		
	RGB		SLKPL12GB
	Warm White / Amber / White		SLKPL12WAW
	Custom color configuration		SSLKL12XXX

Accessories

		Order code
	slightLink™ cable	SLKCM4-270 SLKCM4-460 SLKCM4-820 SLKCM4-1250 SLKCM4-xx (custom length)
	slightLink™ driver	SLKDM1000DMX SLKDM700DMX SLKDM350DMX SLKDM1000 SLKDM700 SLKDM350
	Any 24 vdc transformer if SLK driver are used.	
	Any slightLink™ or 20mm Lens for Luxeon LED	

Consult the SLKP pcb serie section how to wire the system



PART N°

Current Driver

The slightLink™ Current driver SLKDT350 / 700 / 1000 serie are designed for small and big applications, where is no needs for a dimming LED Control system. Theses PCB can be used for custom made solutions or finished product manufacture.

The SLKDT350 / 700 / 1000 are powered in 24vdc and mounted with tyco 4 pin connectors.

The SLKD serie can be easily stacked in a rack and daisy chained with the power.

Features

- Current Driver for hight power LED
- Up to 45 LEDs (depeding which model is used)
- High efficient LED driver
- Simple plug & play operation

Electrical

Power consumption : 0.5w
Current input : 24 vdc
Connectors used : Tyco 4 pin connector

Environmental

Storage temperature : +75°C
Operating temperature : -25°C to +55 °C

Mechanical

Construction : Far 4 PCB
Dimensions : 327 x 27mm

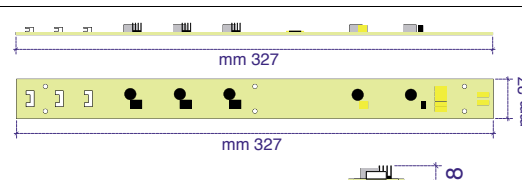
SLKDT350 - SLKDT700 - SLKDT1000

slightLink™

SLKDT350 / 700 / 1000 - Current driver PCB serie



SLKDT350 / 700 / 1000 - Current driver PCB serie dimensions



Order code

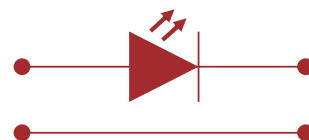
Current driver	Order code
350 ma	SLKDT350
700 ma	SLKDT700
1000 ma	SLKDT1000

Accessories

	Order code
 slightLink™ cable	SLKCT4 4-I SLKCT4-50 SLKCT4-200 SLKCT4-XXX SLKCT4-C
 Any 24 vdc transformer.	

Technical data overview

Parameter	Typical			units
Input Voltage	24			Vdc
Vout	24			Vdc
Pin				W
Pout				W
Amount of channels used	1	2	3	Total
Per Channel when Current = 350mA				
Pout	6	6	6	18
Maximum number of LEDs	5	5	5	15
Per Channel when Current =700mA				
Pout	12	12	12	36
Maximum number of LEDs	10	10	10	30
Per Channel when Current = 1000mA				
Pout	18	18	18	54
Maximum number of LEDs	15	15	15	45

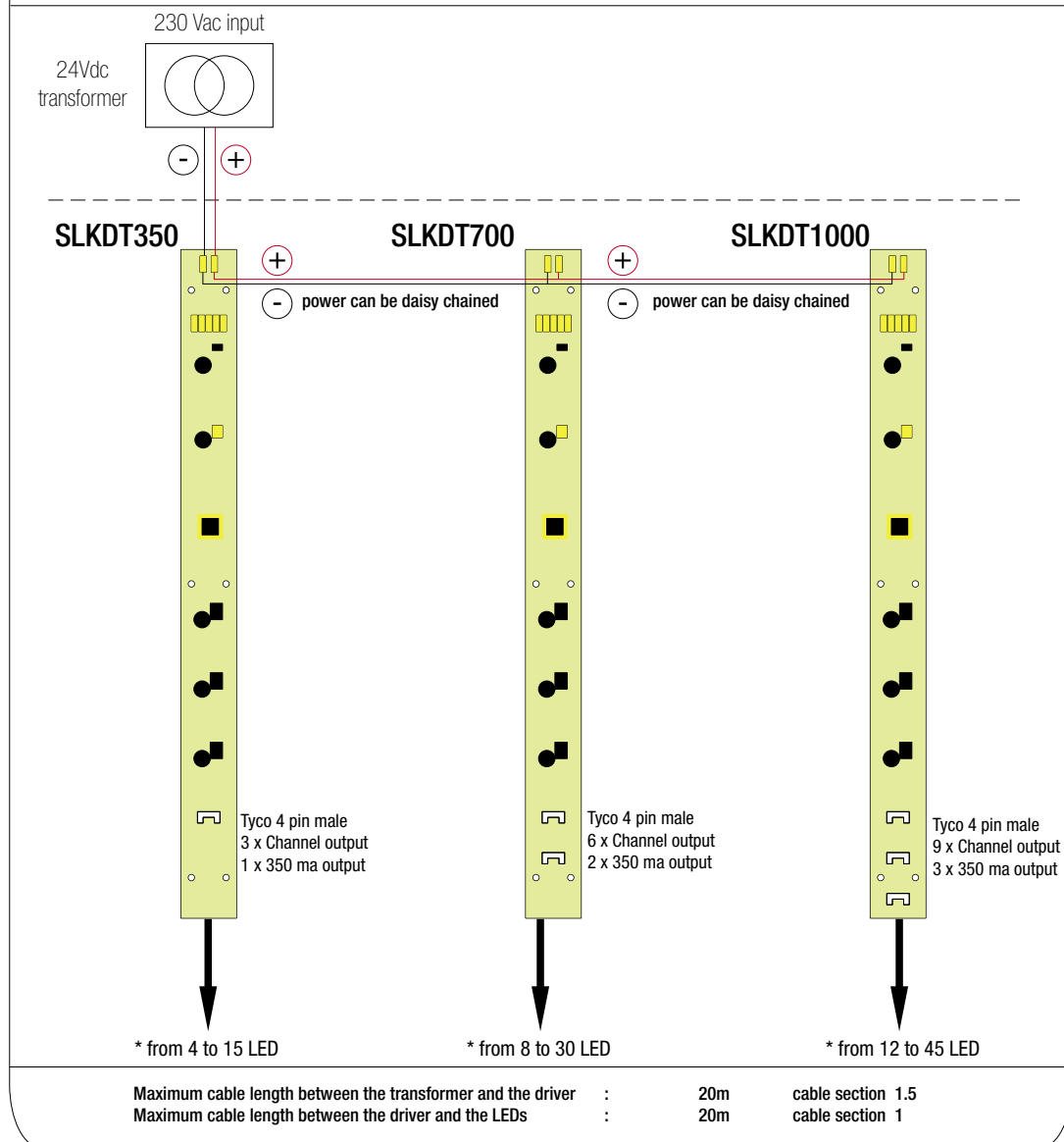


Technical information

SLKDT350 - SLKDT700 - SLKDT1000

overview system diagram

SLKDT350 / 700 / 1000 - Current driver PCB system example

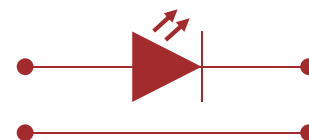


* the above mentioned quantities are depending of the forward voltage of the LED
 ** Each channel must be balanced with the same number of LEDs

The maximum of LED's for a channel depends on the Forward Voltage of the LED's used. Vout must be less than or equal to = VLed * n where VLed is the Forward Voltage of the LED's used and n the amount of LED's.

Examples:

- All LED's used are 4V in 24V / 4V = 6 LED's maximum.
- All LED's used are 2,5V in 24V / 2,5V = 9 LED's maximum



PART N°

SLKDT350DMX - SLKDT700DMX - SLKDT1000DMX

DMX - Current driver

The slightLink™ Current driver SLKDT350DMX / 700DMX / 1000DMX serie are designed for small and big applications, where is needs for a DMX LED Control system control. Theses PCB can be used for custom made solutions or finished product manufacture. Each pcb can be adressed with the SLK-DCU device.

The SLKDT350DMX/ 700DMX / 1000DMX are powered in 24vdc and mounted with tyco 4 pin connectors.

The SLKD serie can be easely stacked in a rack and daisy chained with the power.

Features

- Current Driver for hight power LED
- Up to 45 LEDs (depeding which model is used)
- High efficient LED driver
- Simple plug & play operation

Electrical

Power consumption : 0.5w
Current input : 24 vdc
Connectors used : Tyco 4 pin connector

Environmental

Storage temperature : +75°C
Operating temperature : -25°C to +55 °C

Mechanical

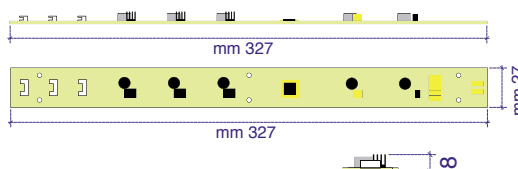
Construction : Far 4 PCB
Dimensions : 327 x 27mm



SLKD350 / 700 / 1000 - Current driver PCB serie



SLKD350 / 700 / 1000 - Current driver PCB serie dimensions



Order code

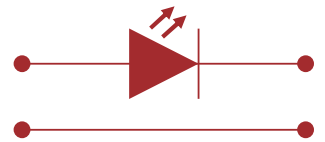
Current driver	Order code
350 ma	SLKDT350DMX
700 ma	SLKDT700DMX
1000 ma	SLKDT1000DMX

Accessories

		Order code
	slightLink™ cable	SLKCT4 4-I SLKCT4-50 SLKCT4-200 SLKCT4-XXX SLKCT4-C
	Any 24 vdc transformer.	
	DMX devices	SL-DCU SL-DCUEasy SL-DLink SL-DCSoft

Technical data overview

Parameter	Typical			units
Input Voltage	24			Vdc
Vout	24			Vdc
Pin				W
Pout				W
Amount of channels used	1	2	3	Total
Per Channel when Current = 350mA				
Pout	6	6	6	18
Maximum number of LEDs	5	5	5	15
Per Channel when Current =700mA				
Pout	12	12	12	36
Maximum number of LEDs	10	10	10	30
Per Channel when Current = 1000mA				
Pout	18	18	18	54
Maximum number of LEDs	15	15	15	45

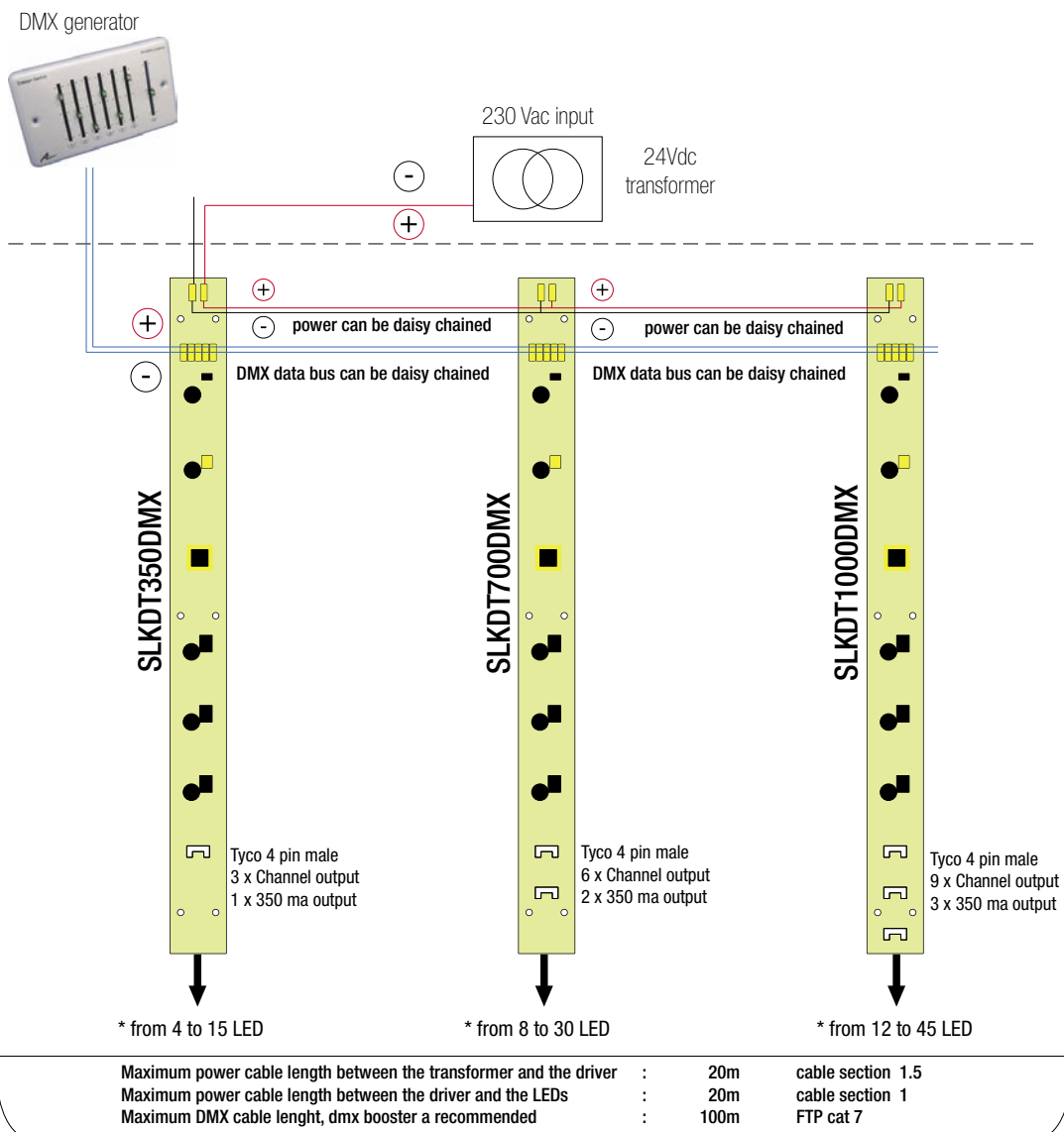


Technical information

SLKDT350DMX - SLKDT700DMX - SLKDT1000DMX

overview system diagram

SLKDT350DMX / 700DMX / 1000DMX - Current driver PCB system example

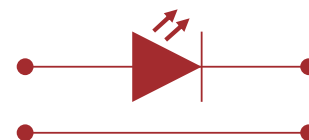


* the above mentioned quantities are depending of the forward voltage of the LED
 ** Each channel must be balanced with the same number of LEDs

The maximum of LED's for a channel depends on the Forward Voltage of the LED's used. Vout must be less than or equal to $V_{LED} * n$ where V_{LED} is the Forward Voltage of the LED's used and n the amount of LED's.

Examples:

- All LED's used are 4V in $24V / 4V = 6$ LED's maximum.
- All LED's used are 2,5V in $24V / 2,5V = 9$ LED's maximum

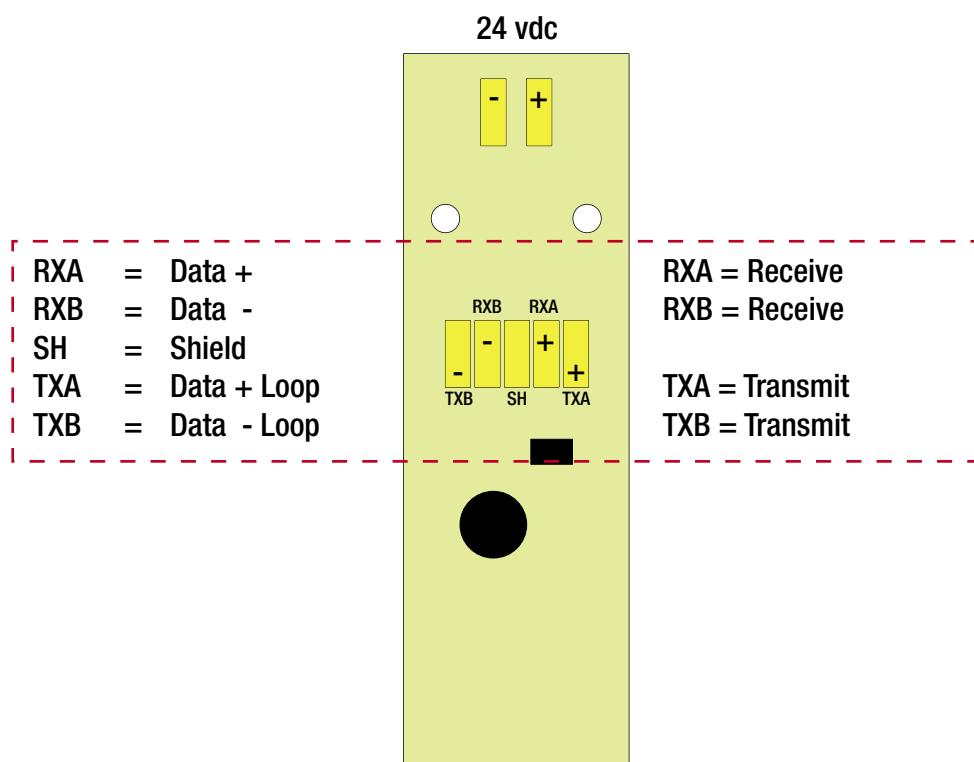


Technical information

SLKDT350DMX - SLKDT700DMX - SLKDT1000DMX

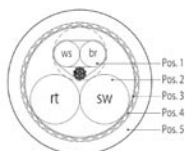
overview system diagram

SLKDT350DMX / 700DMX / 1000DMX - Cabling overview

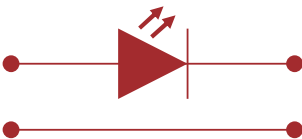


To set a DMX address on the PCB, please refer to the user manual of the SLK-DCU

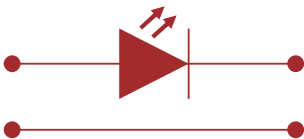
Maximum power cable length between the transformer and the driver	: 20m	cable section 1.5
Maximum power cable length between the driver and the LEDs	: 20m	cable section 1
Maximum DMX cable length	: 100m	FTP cat 7



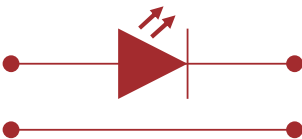
Slight™ can provide the all in one cable, power & data. Contact us for more information .



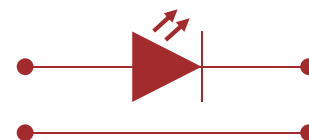
PART N°



PART N°



PART N°



Part N°

SLKC03-350 L / 03-350S / 03-350-12

LED Power supply

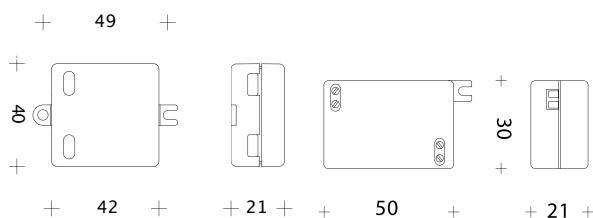
SLKC03-350L

SLKC03-350S



SLKC03-350L Dimensions

SLKC03-350S Dimensions



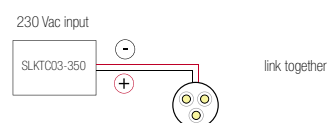
Technical data overview

Order code : SLKC03-350L
SLKC03-350S

Parameter	min.	Typical	maxi.	units
Input Voltage		95 - 240		Vac
Vout				Vdc
Pin		3		W
Pout at 350mA				W
Maximum Number of LEDs		3		m
Maximum Cable Length		70		m

SELV 100V F Constant Current 350mA CE

Wiring diagram

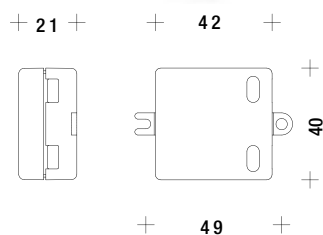


LED power supply

SLKC03-350-12



SLKC03-350-12 Dimensions



Technical data overview

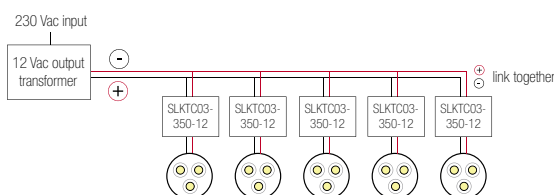
Order code : SLKC03-350-12

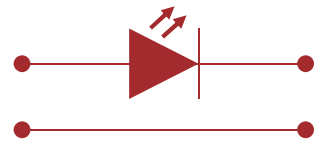
Parameter	min.	Typical	maxi.	units
Input Voltage		12		Vac
Vout				Vdc
Pin		3		W
Pout at 350mA				W
Maximum Number of LEDs		3		m
Maximum Cable Length		70		m

SELV 100V F Constant Voltage 12V CE

Wiring diagram

Example for 15w





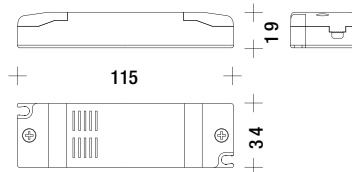
Part N°

SLKC08-350 / 12-350

LED power supply

SLKC08-350

SLKC08-350 Dimensions



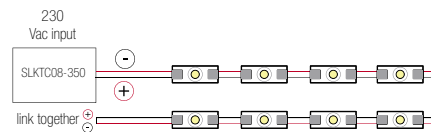
Technical data overview

Order code : SLKC08-350

Parameter	min.	Typical	maxi.	units
Input Voltage		220-240		Vac
Vout				Vdc
Pin		10		W
Pout at 350mA				W
Maximum Number of LEDs		8		m
Maximum Cable Length		70		m

SELV 100V F Constant Current 350ma CE

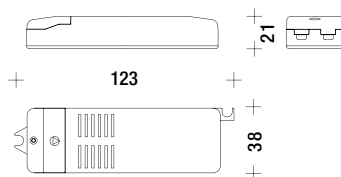
Wiring diagram



LED Power supply

SLKC12-350

SLKC12-350 Dimensions



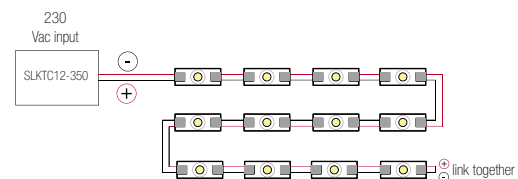
Technical data overview

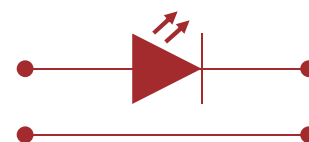
Order code : SLKC12-350

Parameter	min.	Typical	maxi.	units
Input Voltage		220-240		Vac
Vout		48		Vdc
Pin		22		W
Pout at 350mA		17		W
Maximum Number of LEDs		12		m
Maximum Cable Length		70		m

SELV 100V F Constant Current 350ma CE

Wiring diagram





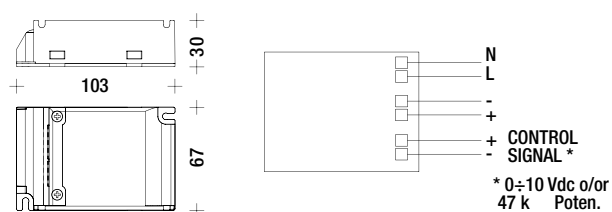
Part N°

SLKC12-350D

LED Power supply

SLKC12-350Dimmable

SLKC12-350D Dimensions

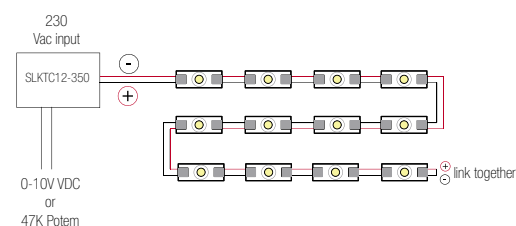


Technical data overview

Order code : SLKC12-350D

Parameter	min.	Typical	maxi.	units
Input Voltage		220-240		Vac
Vout		48		Vdc
Pin		22		W
Pout at 350mA		10		W
Maximum Number of LEDs		8		m
Maximum Cable Length		70		m

Wiring diagram

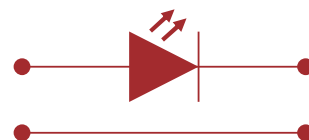


LED Power supply & DMX control

SLKCDMX

SLKCCDMX

coming soon



Part N°

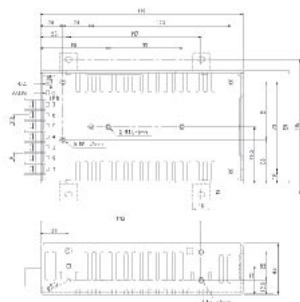
SLKT

LED Power supply

SLKT100



SLKT100 Dimensions



GENERAL INFORMATION:

Housing made of aluminium
Universal AC input / Full range
PF>0.98@115VAC ; 0.93>230VAC
Protections :

- short circuit
- overload
- over voltage

 Built-in constant current limiting circuit
 Approvals : UL / CUL / TUV / CB / CE
 Cooling by free air convection
 100% full load burn-in test

TECHNICAL DATA:

AC input voltage range	85~264VAC : 120~370VDC
DC adjustment range	-5~+10% rated output voltage
Over load protection	105%~150% constant current, auto recovery
Over voltage protection	110%~135% rated output voltage
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG:1.5KVAC, 1 minute
Working temperature	-10~60°C
Safety standards	UL1950, TUV EN60950 approved
EMC standards	EN55022 class B, EN61000-3-2, -3 EN61000-4-2,3,4,5,6,8,11, ENV50204
Connection	7P/9.5mm pitch terminal block with cover

OUTPUT

DC Voltage	24V
Rated Current	4.2A
Current range	0~4.2A
Rated Power	100,8W
Ripple & Noise	150mVp-p
Voltage adj. Range	22.8~26.4V
Voltage tolerance	+/- 1%

DIMENSIONS:

179x99x45 mm

WEIGHT:

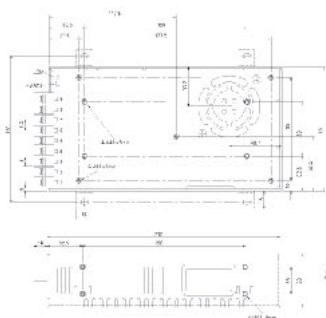
0.715 kg

LED Power supply

SLKT320



SLKT320 Dimensions



GENERAL INFORMATION:

Housing made of aluminium
Universal AC input / Full range
PF>0.98@115VAC ; 0.93>230VAC
Protections :

- short circuit
- overload
- over voltage
- over temperature

 built-in fan speed control
 forced air cooling by built-in DC fan
 Approvals : UL / CUL / TUV / CB / CE

TECHNICAL DATA:

AC input voltage range	88~264VAC : 120~370VDC
DC adjustment range	+/-10% rated output voltage
Over load protection	105%~135% hiccup mode, auto recovery
Over voltage protection	115%~145% rated output voltage
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG:1.5KVAC, 1 minute
Working temperature	-20~65°C
Safety standards	EN60950 approved
EMC standards	EN55022 class B, EN61000-3-2, -3 EN61000-4-2,3,4,5,6,8,11, ENV50204
Connection	9P/9.5mm pitch terminal block with cover

OUTPUT

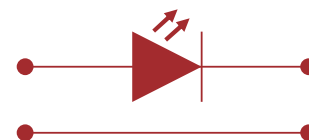
DC Voltage	24V
Rated Current	13A
Current range	0~13A
Rated Power	312W
Ripple & Noise	150mVp-p
Voltage adj. Range	20~26.4V
Voltage tolerance	+/- 1%

DIMENSIONS:

215x115x50 mm

WEIGHT:

1.1 kg



Part N°

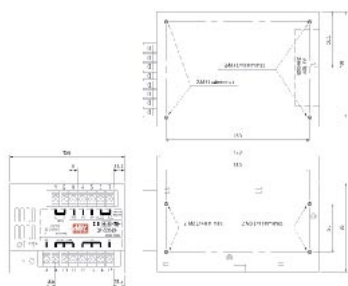
SLKT

LED Power supply

SLKT500



SLKT500 Dimensions



GENERAL INFORMATION:

Housing made of aluminium
Universal AC input / Full range
PF>0.98@115VAC ; 0.95>230VAC
Protections :

- short circuit
- overload
- over voltage
- over temperature

 Forced air cooling by built in DC fan
Built-in cooling fan ON-OFF control
Approvals : UL / CUL / TUV / CB / CE
100% full load burn-in test
LED indicator for power ON

TECHNICAL DATA:

AC input voltage range	88~264VAC : 124~370VDC
AC inrush current	Cold start, 18A at 115VAC, 36A at 230VAC
DC adjustment range	+/-10% rated output voltage
Over load protection	105%~135% fold back current limiting, auto-recovery
Over voltage protection	115%~140% rated output voltage
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG:1.5KVAC, 1 minute
Working temperature	-10~40°C @100% load
Safety standards	UL1950, TUV EN60950 approved
EMC standards	EN55022 class B, EN61000-3-2, -3
	EN61000-4-2,3,4,5,6,8,11, ENV50204
Connection	7+8P/9.5mm pitch terminal block with cover

OUTPUT

DC Voltage	24V
Rated Current	20A
Current range	0~20A
Rated Power	480W
Ripple & Noise	240mVp-p
Voltage adj. Range	20~26.4V
Voltage tolerance	+/- 1%

DIMENSIONS:

170x120x93 mm

WEIGHT:

1.9 kg