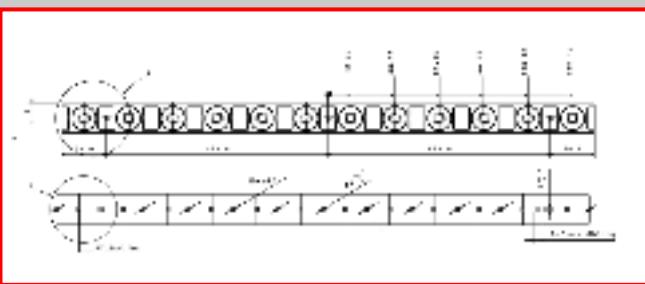


## 12LED Vanessa

### Product description



- Ideal for linear and panel lights
- Luminous flux range from 2000 – 8200 lm
- Efficacy of the module up to 193 lm/W
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances
- Colour temperatures from 2700 to 6500 K
- Lenses with various angles available
- Simple installation (e.g. screws)
- Long life-time: >50,000 hours



12XTE Vanessa module with LEDs of the latest generation from the top chip producers in the world – CREE and SAMSUNG achieve maximum efficiency values. The modules have been specifically developed on high thermoconductive aluminium plate with extra thick copper. The product range covers colour temperatures Warm White 3000, Neutral White 4000, Cold White 5000K and 6000K and module efficiency of up to 193 lm/W. The module is driven by constant current. The design is improved for simple installation. The module covers three types of LEDs for most applications. This LED engine is compatible with LEDIL lenses family Vanessa – with the different angles to achieve all types of distortions.

12XTE Vanessa	Photometric code	Typ. luminous flux at tp = 25 °C	Typ. Voltage at tp=25 °C	Typ. power consumption at tp = 25 °C	Luminous efficacy module at tp = 25 °C	Colour rendering index CRI
Cree XT-E High Efficiency @ 350mA	740	2070 Lm	34.2 V	11.97 W	173 lm/W	>70
	750, 757, 765	2170 Lm	34.2 V	11.97 W	182 lm/W	>70
Cree XT-E High Output @ 900mA	740	4500 Lm	37 V	29.6 W	138 lm/W	>70
	750, 757, 765	4760 Lm	37 V	29.6 W	146 lm/W	>70
Samsung LH351B High Efficiency @ 350mA	740	2100 Lm	35.5 V	12.42 W	167 lm/W	>70
	750, 757, 765	2230 Lm	35.5 V	12.42 W	177 lm/W	>70
Samsung LH351B High Output @ 900mA	740	4834 Lm	37 V	25.9 W	141 lm/W	>70
	750, 757, 765	5136 Lm	37 V	25.9 W	150 lm/W	>70
Cree XP-L High Efficiency @ 350mA	740, 750, 760	2240 Lm	33.5 V	16.74 W	193 lm/W	>70
Cree XP-L High Output @ 1500mA	740, 750, 760	8253 Lm	37.9 V	75.8 W	155 lm/W	>70

## 14XTE

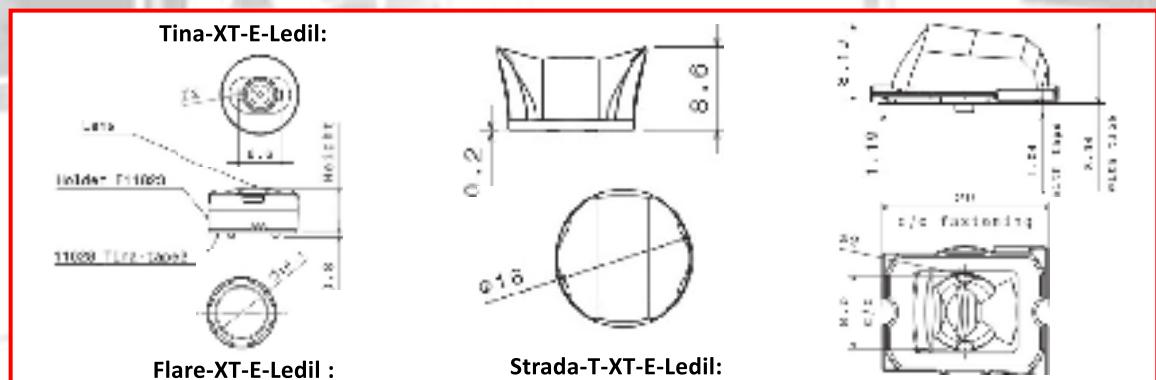
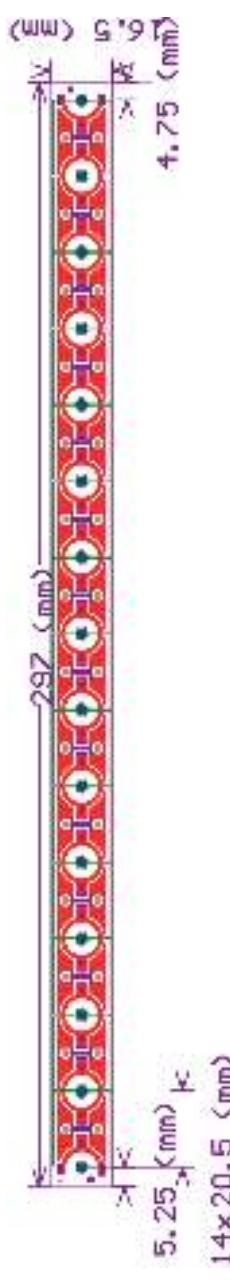
### Product description

- Ideal for linear and panel lights
- Luminous flux range from 2400 – 9570 lm
- Efficacy of the module up to 193 lm/W
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances

- Colour temperatures from 2700 to 6500 K
- Lenses with various angles available
- Simple installation (e.g. screws)
- Long life-time: >50,000 hours

*14XTE module with with LEDs of the latest generation from the top chip producers in the world – CREE and SAMSUNG achieve maximum efficiency values. The modules have been specifically developed on high thermoconductive aluminium plate with extra thick copper. The product range covers colour temperatures Warm White 3000, Neutral White 4000, Cold White 5000K and 6000K and module efficiency of up to 193 lm/W. The module is driven by constant current. The design is improved for simple installation. The module covers three types of LEDs for most applications. This LED engine is compatible with three LEDIL single lenses families – with the different angles to achieve all types of distortions.*

14XTE	Photometric code	Typ. luminous flux at tp = 25 °C	Typ. Voltage at tp=25 °C	Typ. power consumption at tp = 25 °C	Luminous efficacy module at tp = 25 °C	Colour rendering index CR
Cree XT-E High Efficiency @ 350mA	740	2400 Lm	39.7 V	13.89 W	173 Lm/W	>70
	750, 757, 765	2520 Lm	39.7 V	13.89 W	182 Lm/W	>70
Cree XT-E High Output @ 900mA	740	5220 Lm	42.0 V	37.8 W	138 Lm/W	>70
	750, 757, 765	5520 Lm	42.0 V	37.8 W	146 Lm/W	>70
Samsung LH351B High Efficiency @ 350mA	740	2440 Lm	41.6 V	14.57 W	167 Lm/W	>70
	750, 757, 765	2590 Lm	41.6 V	14.57 W	177 Lm/W	>70
Samsung LH351B High Output @ 900mA	740	5600 Lm	44.2 V	39.8 W	141 Lm/W	>70
	750, 757, 765	5960 Lm	44.2 V	39.8 W	150 Lm/W	>70
Cree XP-L High Efficiency @ 350mA	740, 750, 760	2600 Lm	38.3 V	13.5 W	193 Lm/W	>70
Cree XP-L High Output @ 1500mA	740, 750, 760	9570 Lm	41.3 V	61.95 W	155 Lm/W	>70

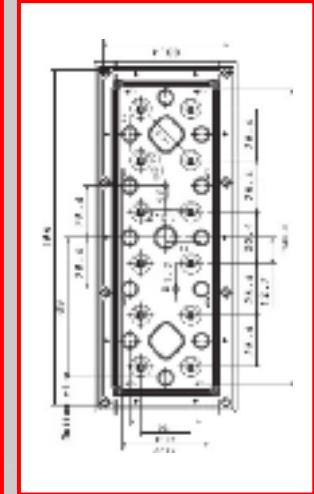
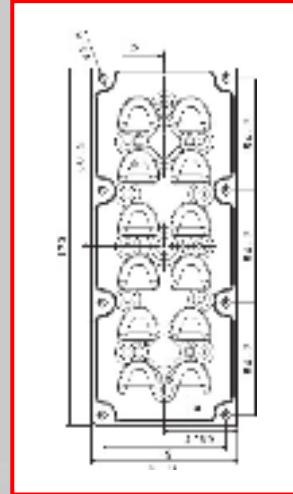


## 12LED Strada



### Product description

- Ideal for industrial and outdoor lightning
- Luminous flux range from 2000 – 8300 lm
- Efficacy of the module up to 193 lm/W
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances
- Colour temperatures from 2700 to 6500 K
- Lenses with various angles available
- Optional thermoresistor for protection and/or measurement(dimming)
- Optional TVS protection
- Optional Wago connectors
- Simple installation (e.g. screws)
- Long life-time: >50,000 hours



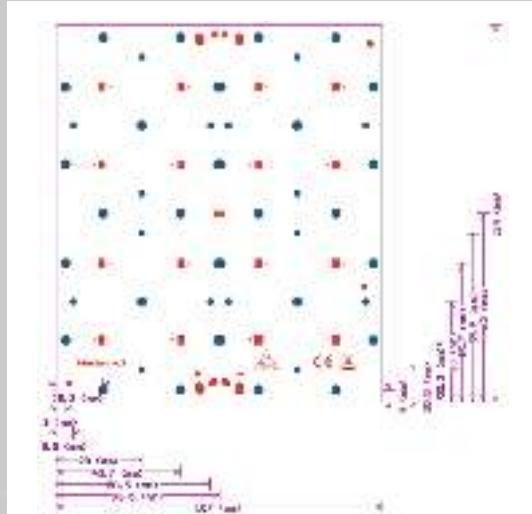
*12XTE Strada module with LEDs of the latest generation from the top chip producers in the world – CREE and SAMSUNG achieve maximum efficiency values. The modules have been specifically developed on high thermoconductive aluminium plate with extra thick copper. The product range covers colour temperatures Warm White 3000, Neutral White 4000, Cold White 5000K and 6000K and module efficiency of up to 193 lm/W. The module is driven by constant current. The design is improved for simple installation. The module covers three types of LEDs for most applications. This LED engine is compatible with LEDIL lenses family Strada – with the different angles to achieve all types of distortions. There is an optional thermistor for temperature control, TVS for extra overvoltage protection and WAGO connectors for easy wiring or option with soldered cables.*

12LED Strada	Photometric code	Typ. luminous flux at tp = 25 °C	Typ. Voltage at tp=25 °C	Typ. power consumption at tp = 25 °C	Luminous efficacy module at tp = 25 °C	Colour rendering index CR
Cree XT-E High Efficiency @ 350mA	740	2070 Lm	34.2 V	11.97 W	173 Lm/W	>70
	750, 757, 765	2170 Lm	34.2 V	11.97 W	182 Lm/W	>70
Cree XT-E High Output @ 900mA	740	4500 Lm	36.2 V	32.6 W	138 Lm/W	>70
	750, 757, 765	4760 Lm	36.2 V	32.6 W	146 Lm/W	>70
Samsung LH351B High Efficiency @ 350mA	740	2100 Lm	35.9 V	12.56 W	167 Lm/W	>70
	750, 757, 765	2230 Lm	35.9 V	12.56 W	177 Lm/W	>70
Samsung LH351B High Output @ 900mA	740	4834 Lm	38.1 V	34.3 W	141 Lm/W	>70
	750, 757, 765	5136 Lm	38.1 V	34.3 W	150 Lm/W	>70
Cree XP-L High Efficiency @ 350mA	740, 750, 760	2240 Lm	33.0 V	11.6 W	193 Lm/W	>70
Cree XP-L High Output @ 1500mA	740, 750, 760	8253 Lm	35.6 V	53.4 W	155 Lm/W	>70

## 16LED Olson

### Product description

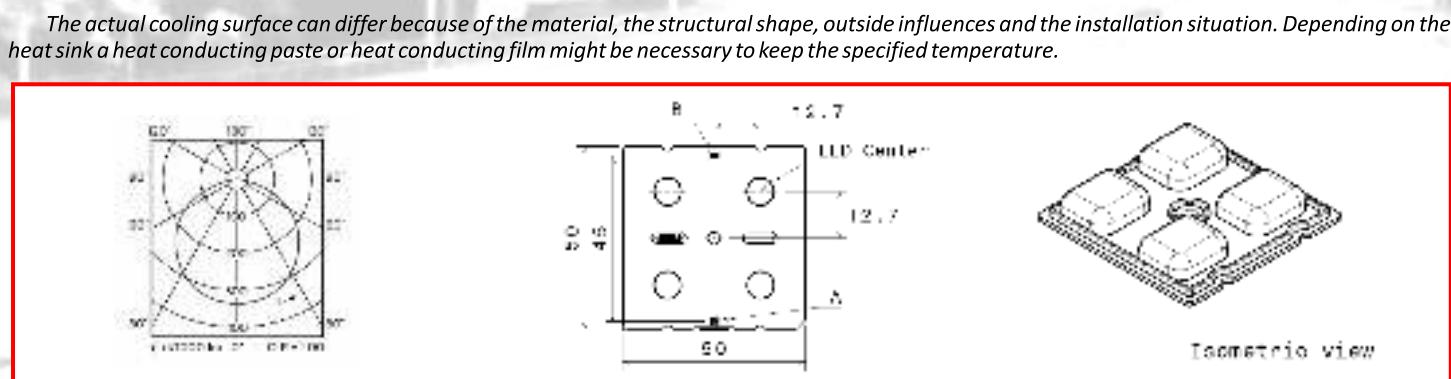
- Luminous flux range from 2000 – 6200 lm
- Efficacy of the module up to 193 lm/W
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances
- Colour temperatures from 2700 to 6500 K
- Lenses with various angles available
- Lens mix possibility
- Optional thermoresistor for protection and/or measurement (dimming)
- Parallel and series connection pads available
- High voltage design
- Simple installation (e.g. screws)
- Long life-time: >50,000 hours



16oslon module with LEDs of the latest generation from OSRAM achieve maximum efficiency values and ensure long lifetime. The modules have been specifically developed on high thermoconductive aluminium plate with extra thick copper. The product range covers colour temperatures Warm White 3000, Neutral White 4000, Cold White 5000K and module efficiency of up to 193 lm/W. The module is driven by constant current. The design is improved for simple installation. This LED engine is compatible with LEDIL lenses family Strada 2x2 – with the different angles to achieve all types of distortions. The design allows to mix and rotate all of the 4 pieces 2x2 50mm lenses for maximum flexibility. There is an optional thermistor for temperature control, optionally with soldered cables. Designed for parallel and series connections.

16oslon	Photo-metric code	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 80 °C	Typ. Voltage at tp=25 °C	Typ. power consumption at tp = 25 °C	Typ. power consumption at tp = 80 °C	Luminous efficacy module at tp = 25 °C	CRI
High efficiency @ 350 mA / channel	740	2790 Lm	2648 Lm	45.6 V	15.9 W	15.5 W	175 Lm/W	>70
	750,757	2882 Lm	2734 Lm	45.6 V	15.9 W	15.5 W	193 Lm/W	>70
Typical current @ 700 mA / channel	740	5163 Lm	4891 Lm	46.9 V	32.8 W	31.9 W	157 Lm/W	>70
	750,757	5333 Lm	5052 Lm	46.9 V	32.8 W	31.9 W	162 Lm/W	>70
High output @ 900 mA / channel	740	6364 Lm	6023 Lm	47.6 V	42.8 W	41.7 W	149 Lm/W	>70
	750,757	6573 Lm	6222 Lm	47.6 V	42.8 W	41.7 W	153 Lm/W	>70

The device / module contains components that are sensitive to electrostatic discharge and may only be installed in the factory and on site if appropriate EOS/ESD protection measures have been taken. No special measures need be taken for devices/modules with enclosed casings (contact with the pc board not possible), just normal installation practice.

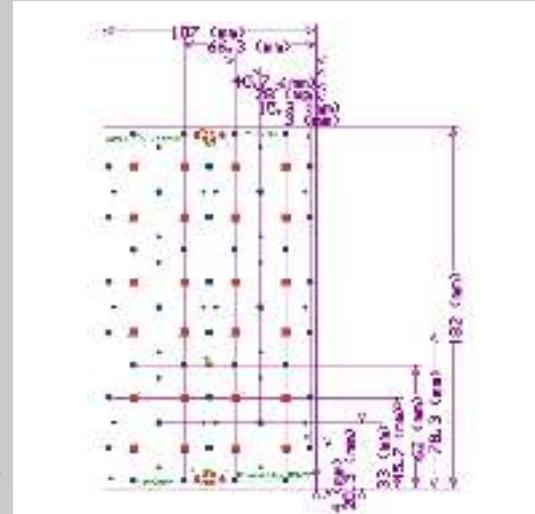


## 24LED Olson

### Product description

- Luminous flux range from 4000 – 10000 lm
- Efficacy of the module up to 193 lm/W
- Small colour tolerance (MacAdam 3)
- Small luminous flux tolerances
- Colour temperatures from 2700 to 6500 K
- Lenses with various angles available
- Lens mix possibility
- Optional thermoresistor for protection and/or measurement(dimming)
- Parallel and series connection pads available
- High voltage design
- Simple installation (e.g. screws)
- Long life-time: >50,000 hours

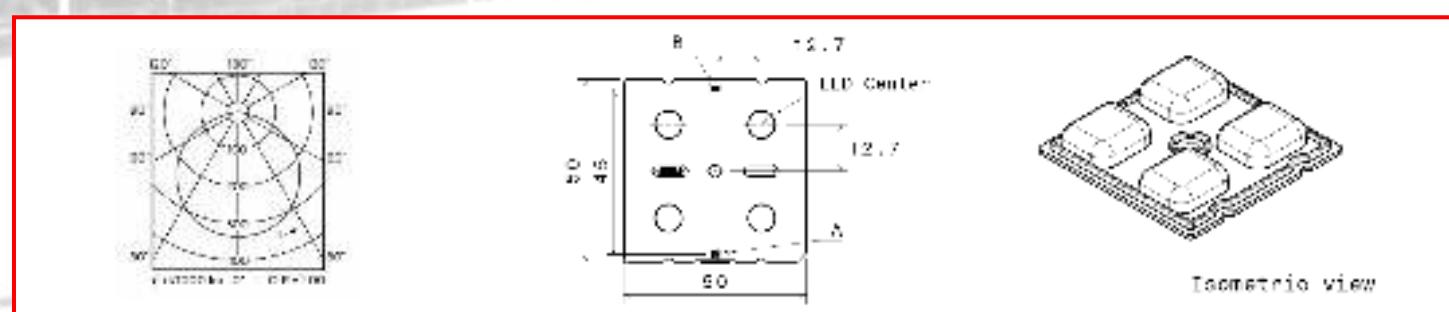
Tunable  
White  
Module



24oslon module with LEDs of the latest generation from OSRAM – Olson square giant achieve maximum efficiency values and ensure long lifetime. The modules have been specifically developed on high thermoconductive aluminium plate with extra thick copper. The product range covers colour temperatures Warm White 3000, Neutral White 4000, Cold White 5000K and module efficiency of up to 193 lm/W. The module is driven by constant current. The design is improved for simple installation. This LED engine is compatible with LEDIL lenses family Strada 2x2 – with the different angles to achieve all types of distortions. The design allows to mix and rotate all of the 6 pieces 2x2 50mm lenses for maximum flexibility. There is an optional thermistor for temperature control, optionally with soldered cables. Designed for parallel and series connections.

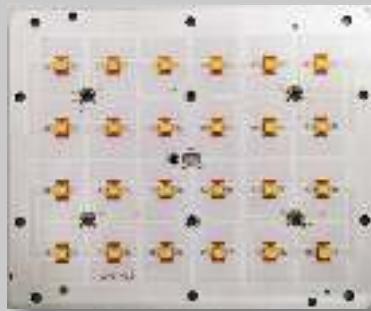
24oslon	Photo-metric code	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 80 °C	Typ. Voltage at tp=25 °C	Typ. power consumption at tp = 25 °C	Typ. power consumption at tp = 80 °C	Luminous efficacy module at tp = 25 °C	CRI
High efficiency @ 350 mA / channel	740	4185 Lm	3972 Lm	68.4 V	23.9 W	23.3 W	175 Lm/W	>70
	750,757	4323 Lm	4101 Lm	68.4 V	23.9 W	23.3 W	193 Lm/W	>70
Typical current @ 700 mA / channel	740	7745 Lm	7337 Lm	70.4 V	49.2 W	47.9 W	157 Lm/W	>70
	750,757	8000 Lm	7578 Lm	70.4 V	49.2 W	47.9 W	162 Lm/W	>70
High output @ 900 mA / channel	740	9546 Lm	9035 Lm	71.4 V	64.2 W	62.6 W	149 Lm/W	>70
	750,757	9860 Lm	9333 Lm	71.4 V	64.2 W	62.6 W	153 Lm/W	>70

The device / module contains components that are sensitive to electrostatic discharge and may only be installed in the factory and on site if appropriate EOS/ESD protection measures have been taken. No special measures need be taken for devices/modules with enclosed casings (contact with the pc board not possible), just normal installation practice.



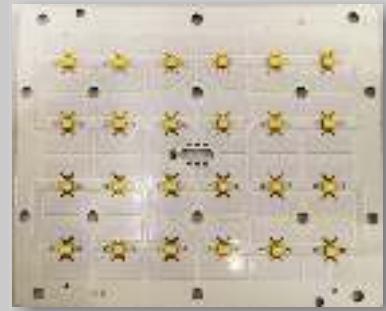
## 24XTE

**8x3**



### Product description

**2x12**



- Luminous flux range from 2700 – 8000 lm
- Efficacy of the module up to 158 lm/W
- Small luminous flux tolerances
- Colour temperatures from 4000 to 6500 K
- Two models for different voltage
- Applicable for photovoltaics
- Optional thermoresistor / sensor
- LEDLINK lenses usable
- Could reach high power in small area
- Simple installation (e.g. screws)
- Long life-time: >50,000 hours

*24XTE module with with LEDs of the latest generation from the top chip producers in the world – CREE and SAMSUNG achieve maximum efficiency values. The modules have been specifically developed on high thermoconductive aluminium plate with extra thick copper. The product range covers colour temperatures Warm White 3000, Neutral White 4000, Cold White 5000K and 6000K and module efficiency of up to 168 lm/W. The modules have been specifically developed for use street lightning. The 8x3 model is specially designed for photovoltaics – runs from 8.55V – perfect for 12V battery plus driver. The module is driven by constant current. The design is improved for simple installation.*

24XTE	Photometric code	Typ. luminous flux at tp = 25 °C	<u>8x3</u> Typ. Voltage at tp=25 °C	<u>2x12</u> Typ. Voltage at tp=25 °C	Typ. power consumption at tp = 25 °C	Luminous efficacy module at tp = 25 °C	Colour rendering index CRI
Cree XT-E High Efficiency @ 350mA/str	740	3360 Lm	8.55 V	34.2 V	23.94 W	140 Lm/W	>80
	750	3552 Lm	8.55 V	34.2 V	23.94 W	148 Lm/W	>80
	760	3792 Lm	8.55 V	34.2 V	23.94 W	158 Lm/W	>80
Cree XT-E High Output @ 800mA/str	740	7184 Lm	9.25 V	37 V	59.2 W	121 Lm/W	>80
	750	7596 Lm	9.25 V	37 V	59.2 W	128 Lm/W	>80
	760	8108 Lm	9.25 V	37 V	59.2 W	137 Lm/W	>80
Samsung LH351A High Efficiency @ 350mA/str	740	3120 Lm	8.88 V	35.5 V	24.84 W	126 Lm/W	>80
	750, 757, 765	3552 Lm	8.88 V	35.5 V	24.84 W	135 Lm/W	>80
Samsung LH351A High Output @ 700mA/str	740	5688 Lm	9.25 V	37 V	51.8 W	110 Lm/W	>80
	750, 757, 765	6096 Lm	9.25 V	37 V	51.8 W	118 Lm/W	>80

