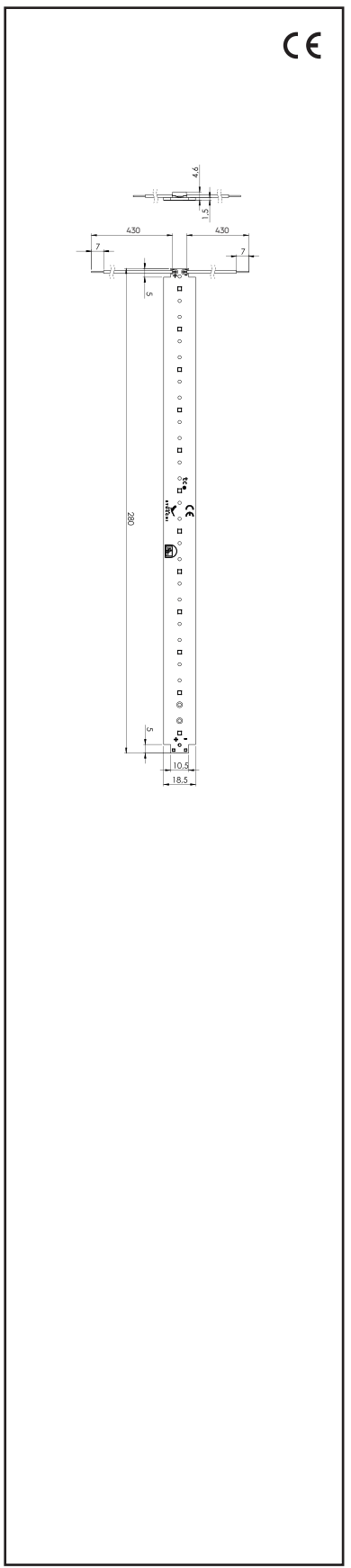


S-LC190280L12S2790H36 S-LC190280L12S3090H36
S-LC190280L12S3590H36 S-LC190280L12S4090H36

MODULO 12 LED A CORRENTE COSTANTE
CONSTANT CURRENT 12 LED MODULE

Versione Version	Corrente Current	Flusso* Flux*	Efficacia* Efficacy*	Vdc*	Potenza* Power*	CCT	CRI
S-LC190280L12S2790H36	100 mA (Min.)	400 lm	122 lm/W	32,8 V dc	3,3 W	2700K	≥90
	1000 mA (Max)	3315 lm	90 lm/W	37,0 V dc	37,0 W		
S-LC190280L12S3090H36	100 mA (Min.)	418 lm	127 lm/W	32,8 V dc	3,3 W	3000K	≥90
	1000 mA (Max)	3460 lm	94 lm/W	37,0 V dc	37,0 W		
S-LC190280L12S3590H36	100 mA (Min.)	431 lm	132 lm/W	32,8 V dc	3,3 W	3500K	≥90
	1000 mA (Max)	3573 lm	97 lm/W	37,0 V dc	37,0 W		
S-LC190280L12S4090H36	100 mA (Min.)	447 lm	136 lm/W	32,8 V dc	3,3 W	4000K	≥90
	1000 mA (Max)	3703 lm	100 lm/W	37,0 V dc	37,0 W		

* Tc 25°C
Tolleranza: ±7% per flusso e potenza
±5 per CRI
Tolerance: ±7% on flux and power measurements
±5 on CRI measurements









Caratteristiche principali
Main features

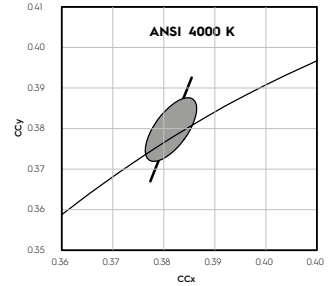
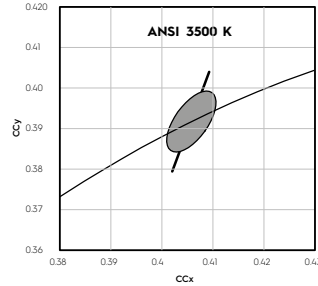
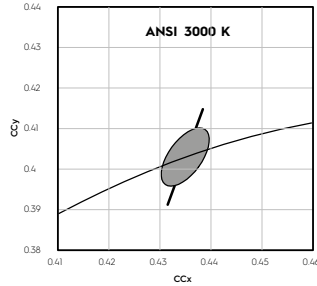
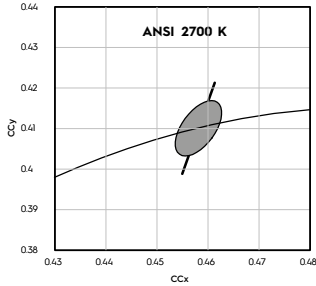
- Moduli SELV (Vout < 60V dc)
- SELV modules (Vout < 60V dc)
- 12 LED NICHIA serie NVSLE21AT (R9080)
- 12 NICHIA NVSLE21AT Serie LEDs (R9080)
- Tolleranza di colore: 3MacAdam (3SDCM)
- Colour tolerance: 3MacAdam (3SDCM).
- Lifetime L80 > 60.000 h @ Tc 55°C - 300mA
- Lifetime L80 > 60.000 h @ Tc 55°C - 300mA
- Le schede LED necessitano di dissipazione termica - Fornito con biadesivo termo-conduttivo
- The LED boards need thermal dissipation - Provided with thermo conductive adhesive tape
- Morsetti a innesto rapido
- Push-in terminal blocks

Norme di riferimento
Norms and regulations

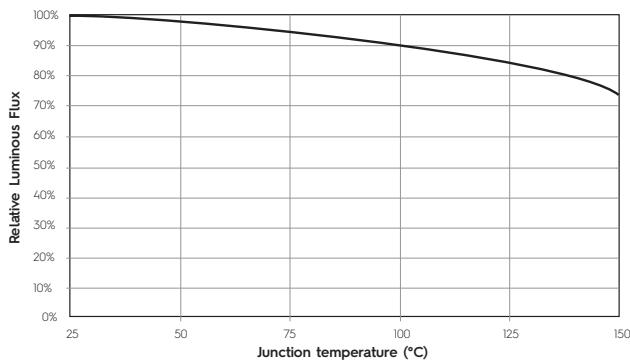
- EN 62031
- EN 62471
- IEC TR 62778
- EN 55015
- EN 61547
- UE 1194/2012
- ROHS

	T _{AMB}		Max T _c
	Modulo Led da incorporare Built in Led Module		Angolo di emissione Beam Angle
			

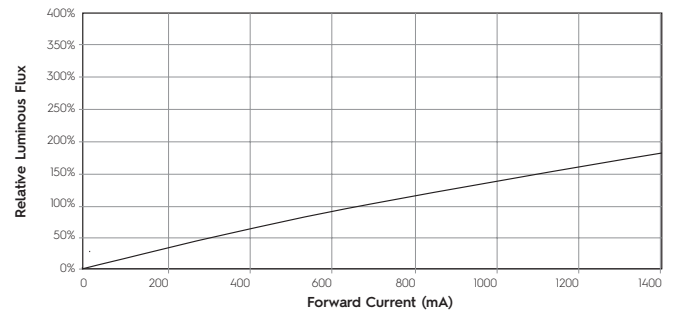
Spazio di colore - Tc 65°C
Color space - Tc 65°C



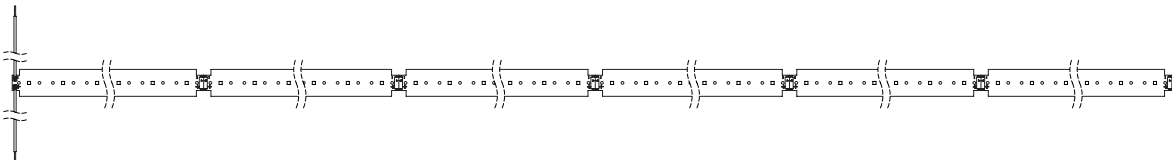
Flusso luminoso relativo vs. Temperatura di giunzione
Relative luminous flux vs. Junction temperature



Flusso luminoso relativo vs. Corrente
Relative luminous flux vs. Current



Connessione in fila continua
Continuous connection application



Montare un numero adeguato di schede LED in base alle specifiche elettriche del driver. Le schede dovranno essere collegate in parallelo.
Assembly an adequate number of LED boards according to the electrical datas of the driver. The boards must be connected in parallel.

Avvertenze
Warnings

I moduli LED non sono protetti contro extra tensioni, sovraccarichi e cortocircuiti.
LED modules are not equipped against mains spikes, overloads and short circuits.

Dissipazione e assemblaggio: per garantire i dati di luminosità e durata indicati può essere necessaria una dissipazione del modulo LED. Verificare che la Tc del modulo non superi il valore massimo indicato.

Dissipation, assembly: a dissipation of the LED module might be required to guarantee the stated datas of brightness and lifetime. Please verify that the modules Tc does not exceed the maximum value as indicated.

Uso e pulizia: non procurare shock ai moduli LED e conservarli in luogo non polveroso. Evitare il contatto con qualsiasi tipo di fluido, come olio o solventi organici. Si raccomanda l'uso di IPA (alcool isopropilico) quale solvente per la pulizia dei moduli LED. Prima di procedere con la pulizia, dovrebbe essere effettuato un pre-test per accertare potenziali danni al modulo LED.

Handling and Cleaning: don't give any shock to the LED modules nor store them in a dusty place. Avoid any contact with any kind of fluid such as oil or organic solvents. It is recommended the use of IPA (isopropyl alcohol) as solvent to clean the LED modules. Before cleaning, a pre-test should be done to verify any possible damages to the LED module.

Elettricità statica: l'elettricità statica o le tensioni di rete possono danneggiare i moduli LED. Indossare un braccialetto ESD o guanti ESD durante l'uso dei moduli LED.

Static Electricity: static electricity or surge voltage can damage the LED modules. Always wear anti ESD wrist band or anti ESD gloves when handling the LED modules.