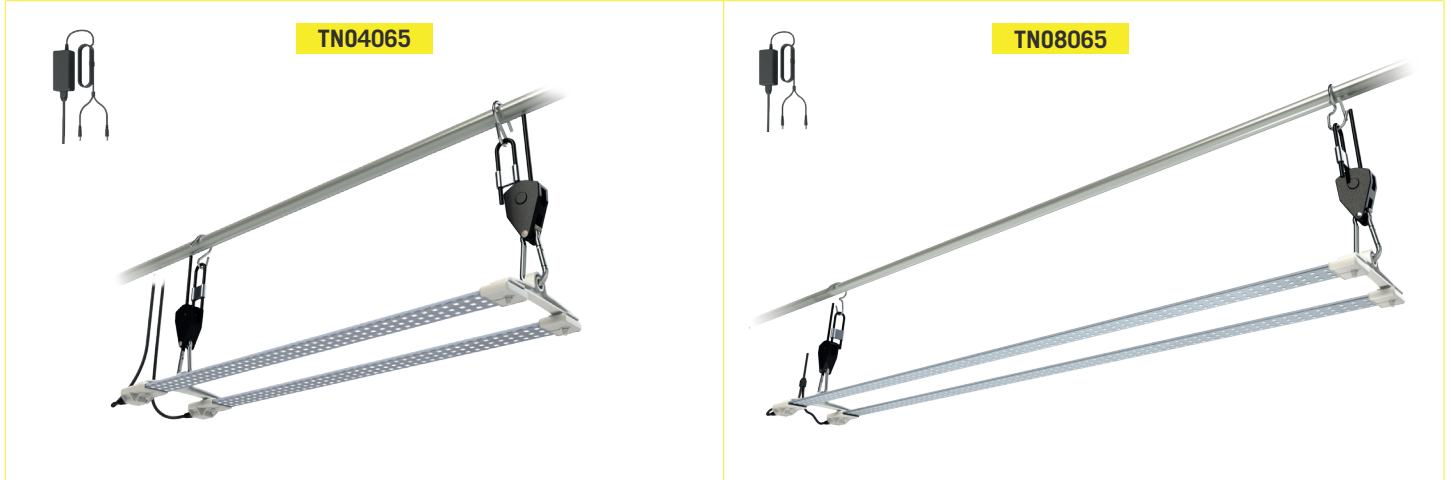


# COSMORROW TNOLED

## SPRING SUNLIGHT (GROWING)



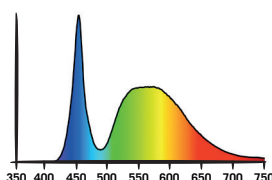
Tnoled is a complete LED lighting kit for medium-intensity light requirements.

It is available in two different sizes/powers (60x40cm / 24"x16" & 120x40cm / 47"x16" cultivation areas). The TNoled has replaced fluorescent technology (TNeon, T5, TCL, CFL, etc.) with Cosmorrow bulbs which are waterproof, durable (30,000 hours) and indestructible with low power consumption, optimised spectral effects and better plant coverage.

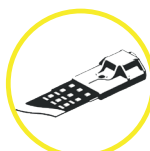
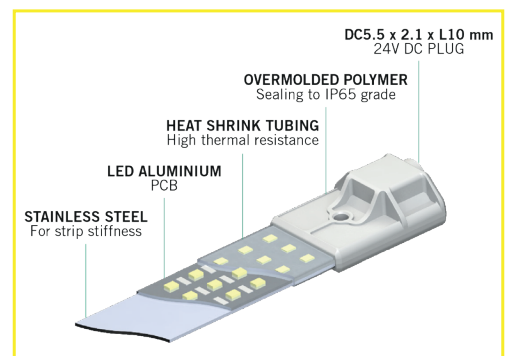


REFERENCE	DESIGNATION	GROW AREA	PPE
<b>TN04065</b>	Tnoled 2x20w GROWING	60x40cm / 24" x 16"	2.0µmol/s/w
<b>TN08065</b>	Tnoled 2x40w GROWING	120x40cm / 48" x 16"	2.0µmol/s/w

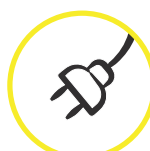
### GENERAL DETAILS

<b>Lifetime</b>	30 000 hours
<b>Application</b>	Grow tent / Grow room / Multi-layer
<b>Plant growth stage</b>	Growing
<b>LED brand</b>	San'an Optoelectronics
<b>CCT</b>	6500 K
<b>Spectrum</b>	

#### PATENT N°W02021176302



**Cosmorrow Technology**




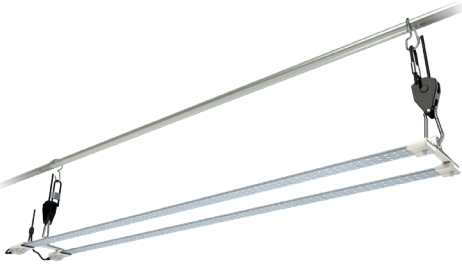
**24 V Bulbs**  
100% Safe



**IP65**  
Water jet resistant



**Unbreakable**  
Strong & Fall resistant

REF	TNOLED4065	TNOLED8065																								
<b>DESIGNATION</b>	TNoled 2x20w GROWING 	TNoled 2x40w GROWING 																								
<b>WEIGHT</b>	0,8 kg / 1,8 lb	1 kg / 2,2 lb																								
<b>DIMENSIONS ASSEMBLED</b>																										
Length	50 cm / 20 inch	90 cm / 35,5 inch																								
Width	12 cm / 5 inch	12 cm / 5 inch																								
Height	4 cm / 1,6 inch	4 cm / 1,6 inch																								
<b>POWER</b>																										
Consumption	40 W	80 W																								
Voltage	110-220 V	110-220 V																								
Frequency	50/60 Hz	50/60 Hz																								
<b>CABLE LENGTH</b>																										
24V	180 cm / 70 inch	240 cm / 95 inch																								
220V	60 cm / 24 inch	60 cm / 24 inch																								
<b>PLUG</b>																										
Type	C/G/A Type	C/G/A Type																								
Country	UE/UK/US	UE/UK/US																								
<b>TEMPERATURE</b>																										
Working	0 to 40°C / 32 to 105°F	0 to 40°C / 32 to 105°F																								
Storing	-20 to 60°C / -4 to 140°F	-20 to 60°C / -4 to 140°F																								
<b>BULB INCLUDED</b>																										
Quantity	2	2																								
Reference	COL2065	COL4065																								
<b>LED &amp; RATIO</b>																										
6500K	100%	100%																								
<b>LIGHT MEASUREMENT</b>																										
Distance	15 cm / 6 inch	15 cm / 6 inch																								
Area	60 x 40 cm / 2' x 1½'	120 x 40 cm / 4' x 1½'																								
PPE	2 µmol/J	2 µmol/J																								
PPF	80 µmol/s	160 µmol/s																								
PPFD average	355 µmol/s/m²	363 µmol/s/m²																								
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