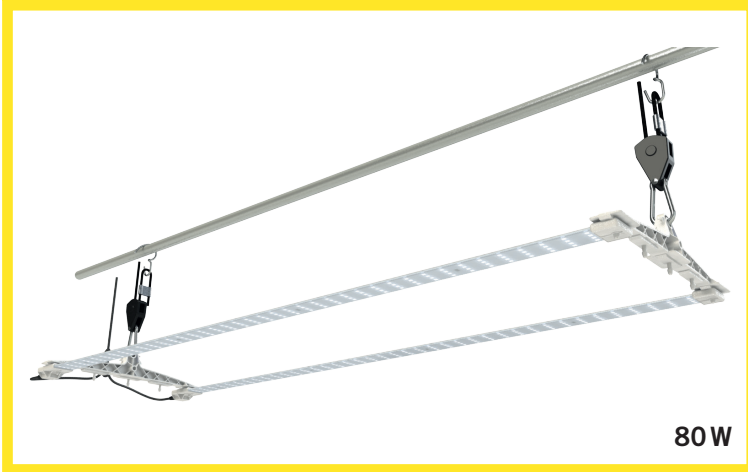


COSMORROW TNOLED

SPRING SUNLIGHT (GROWING)

TN080GR



UPGRADABLE

TN080GR + COP4065



TNOLED is a complete LED lighting kit for medium to high intensity light requirements.

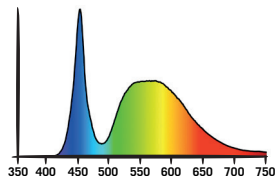
The TNOLED integrates Cosmorrow bulbs which are waterproof, durable (50,000 hours) and highly resistant with low power consumption, optimised spectral effects and better plant coverage. The TN080GR is adaptable to 40x120cm / 1½' x 4' or 60x120cm / 2' x 4' cultivation areas by changing the placement of the LED strips on the hanger. The included power supply and hanger clips allow upgrading the kit to 120W by adding a third Cosmorrow COP4065 strip.

VIDEO

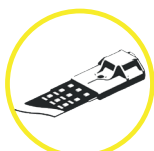
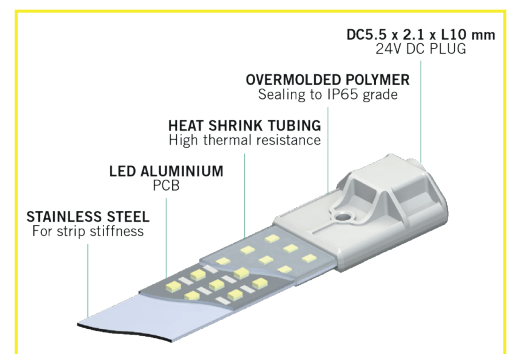


REFERENCE	DESIGNATION	GROW AREA	PPE BULB
TN080GR	Tnoled 2x40w GROWING	40x120cm / 1½' x 4' 60x120cm / 2' x 4'	2.70 µmol/s/w

GENERAL DETAILS

Lifetime	Bulb : 50 000 hours (L90B10)
Application	Grow tent / Grow room / Multi-layer
Plant growth stage	Growing
CCT	6500 K
Spectrum	Grow Spectrum 

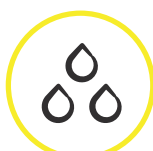
PATENT N°W02021176302



Cosmorrow Technology



24 V Bulbs
100% Safe



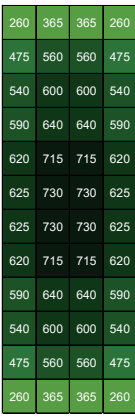
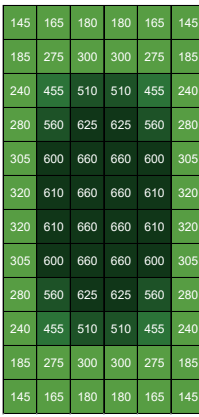


IP65
Water jet resistant



High Durability
Strong & Fall resistant



Upgradable to 120W
by adding 1x COP4065

REF	TN080GR		TN080GR + 1x COP4065	
POWER	80 W		120 W	
GROW AREA	40x 120cm / 1½x4ft	60x 120cm / 2x4ft	40x 120cm / 1½x4ft	60x 120cm / 2x4ft
WEIGHT	1,4 kg / 3,1 lb	1,4 kg / 3,1 lb	1,7 kg / 3,7 lb	1,7 kg / 3,7 lb
DIMENSIONS ASSEMBLED				
Length	90 cm / 35,5 in	90 cm / 35,5 in	90 cm / 35,5 in	90 cm / 35,5 in
Width	27 cm / 10,6 in	27 cm / 10,6 in	27 cm / 10,6 in	27 cm / 10,6 in
Height	6 cm / 2,4 in	6 cm / 2,4 in	6 cm / 2,4 in	6 cm / 2,4 in
POWER				
Consumption	80 W	80 W	120 W	120 W
Voltage	110-220 V	110-220 V	110-220 V	110-220 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
CABLE LENGTH				
24V Output	240 cm / 6 ft	240 cm / 6 ft	240 cm / 6 ft	240 cm / 6 ft
Splitter	20 cm / 8 in	20 cm / 8 in	20 cm / 8 in	20 cm / 8 in
220V Input	60 cm / 2 ft	60 cm / 2 ft	60 cm / 2 ft	60 cm / 2 ft
PLUG				
Type	C/G/A Type	C/G/A Type	C/G/A Type	C/G/A Type
Country	UE/UK/US	UE/UK/US	UE/UK/US	UE/UK/US
TEMPERATURE				
Working	0 to 40°C / 32 to 105°F	0 to 40°C / 32 to 105°F	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	-20 to 60°C / -4 to 140°F	-20 to 60°C / -4 to 140°F
BULB INCLUDED				
Quantity	2	2	3	3
Reference	COP4065	COP4065	COP4065	COP4065
Lifetime	50 000 hours	50 000 hours	50 000 hours	50 000 hours
LED & RATIO				
6500K	100%	100%	100%	100%
LIGHT MEASUREMENT				
Distance	15 cm / 6 in	15 cm / 6 in	15 cm / 6 in	15 cm / 6 in
Area	40x 120cm / 1½x4ft	60x 120cm / 2x4ft	40x 120cm / 1½x4ft	60x 120cm / 2x4ft
PPE BULB	2,70 µmol/J	2,70 µmol/J	2,70 µmol/J	2,70 µmol/J
PPE	2,55 µmol/J	2,55 µmol/J	2,55 µmol/J	2,55 µmol/J
PPF	204 µmol/s	204 µmol/s	306 µmol/s	306 µmol/s
PPFD average	560 µmol/s/m ²	393 µmol/s/m ²	853 µmol/s/m ²	599 µmol/s/m ²
PPFD*	 µmol/s/m ²	 µmol/s/m ²	 µmol/s/m ²	 µmol/s/m ²

* Measured on white board