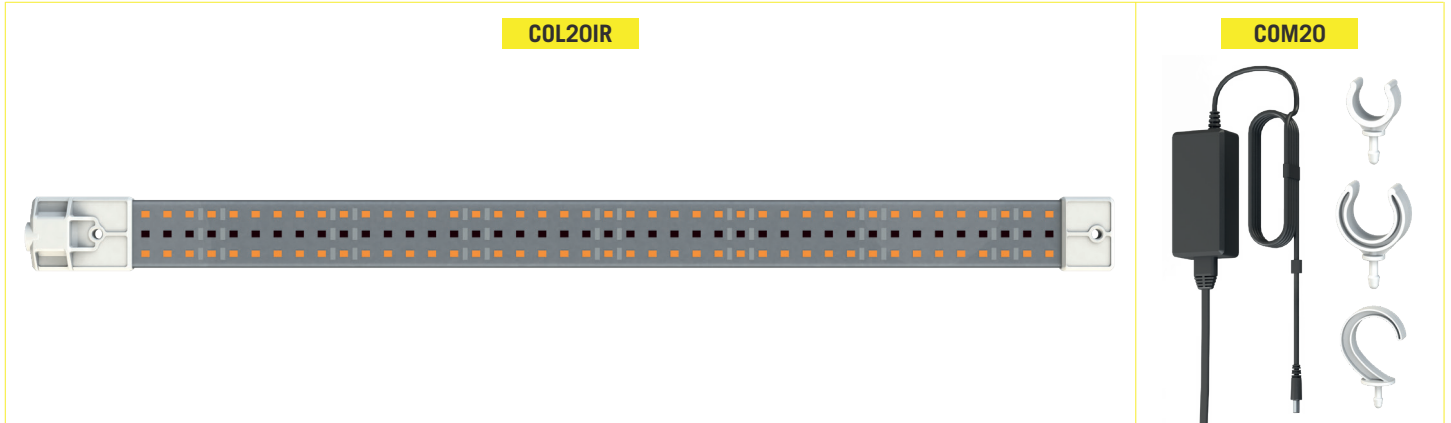


COSMORROW IR & UV

BOOSTERS (INFRARED & ULTRAVIOLET)



Add a UV or IR supplementary lighting whenever needed with our single power supply.

We recommend using it with a timer separate from the main lighting.

INFRARED : Trigger flowering – Heat up your plant – Longer internodes

ULTRAVIOLET : Boost immune system – Fights mould – Shorter internodes.

REFERENCE	DESIGNATION	PE [350-750nm]	RATIO
COL20IR	Cosmorrow Led 20w L50 cm / L20" IR	1.7µmol/s/w	1/3 IR - 2/3 2100°K
COL40IR	Cosmorrow Led 40w L90 cm / L36" IR	1.6µmol/s/w	
COL20UV	Cosmorrow Led 20w L50 cm / L20" UV	1.7µmol/s/w	1/3 UVA - 2/3 6500°K
COL40UV	Cosmorrow Led 40w L90 cm / L36" UV	1.6µmol/s/w	
COM20	Cosmorrow Power 1x 20w		
COM40	Cosmorrow Power 1x 40w		

VIDEO



GENERAL DETAILS

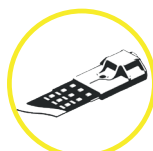
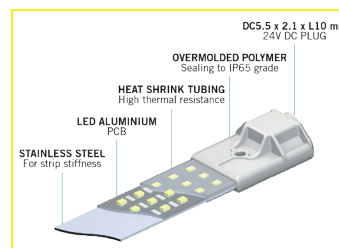
COSMORROW LED

Lifetime	20 000 hours
Application	Grow tent / Grow room / Multi-layer
Plant growth stage	Any stage
LED brand	San'an Optoelectronics

COSMORROW POWER

Tube clip diameter	16 - 25 mm / 0.63 - 1.00"
DC plug type	DC 5,5x2,1mm L10mm

PATENT N°W02021176302



Cosmorrow Technology



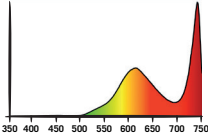
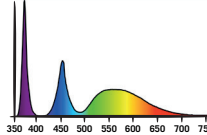
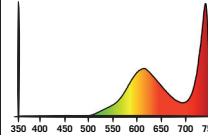
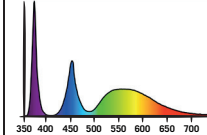
24 V Bulbs
100% Safe



IP65
Water jet resistant



Unbreakable
Strong & Fall resistant

REF	COL20IR	COL20UV	COL40IR	COL40UV
DESIGNATION	Cosmorrow Led 20w L50 cm IR	Cosmorrow Led 20w L50 cm UV	Cosmorrow Led 40w L90 cm IR	Cosmorrow Led 40w L90 cm UV
DESIGNATION	Cosmorrow Led 20w L20" IR	Cosmorrow Led 20w L20" UV	Cosmorrow Led 40w L36" IR	Cosmorrow Led 40w L36" UV
WEIGHT	0,13 kg / 0,3 lb	0,13 kg / 0,3 lb	0,30 kg / 0,7 lb	0,30 kg / 0,7 lb
DIMENSIONS				
Length	47 cm / 18,5 inch	47 cm / 18,5 inch	87 cm / 34 inch	87 cm / 34 inch
Width	3,2 cm / 1,25 inch	3,2 cm / 1,25 inch	3,2 cm / 1,25 inch	3,2 cm / 1,25 inch
Height	1,6 cm / 0,6 inch	1,6 cm / 0,6 inch	1,6 cm / 0,6 inch	1,6 cm / 0,6 inch
POWER				
Consumption	20 W	20 W	40 W	40 W
Voltage	24 Vdc	24 Vdc	24 Vdc	24 Vdc
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
LED & RATIO				
2100K	66%	-	66%	-
6500K	-	66%	-	66%
730nm	33%	-	33%	-
365nm	-	33%	-	33%
LIGHT MEASUREMENT				
Recommended distance	15 cm / 6 inch	15 cm / 6 inch	15 cm / 6 inch	15 cm / 6 inch
Recommended grow area	0,2m ² / 2ft ²	0,4m ² / 4ft ²	0,4m ² / 4ft ²	0,8m ² / 8ft ²
PE	1,7 µmol/J	1,6 µmol/J	1,7 µmol/J	1,6 µmol/J
PF	34 µmol/s	32 µmol/s	68 µmol/s	64 µmol/s
Spectrum				

REF	COM20	COM40
DESIGNATION	Cosmorrow Power 1x 20w UE/UK/US	Cosmorrow Power 1x 20w UE/UK/US
WEIGHT	0,35 kg / 0,8 lb	0,70 kg / 1,5 lb
DIMENSIONS ASSEMBLED		
Length	50 cm / 20 inch	90cm / 36 inch
Width	3,2 cm / 1,25 inch	3,2 cm / 1,25 inch
Height	2,5 cm / 1 inch	2,5 cm / 1 inch
POWER		
Input voltage	110-220 V	110-220 V
Input frequency	50/60 Hz	50/60 Hz
Max consumption	20 W	40 W
Output voltage	24 V	24 V
CABLE LENGTH		
24V	180 cm / 70 inch	240 cm / 95 inch
220V	60 cm / 24 inch	60 cm / 24 inch
AC PLUG		
Type	C/G/A Type	C/G/A Type
Country	UE/UK/US	UE/UK/US
TEMPERATURE		
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

