

# COSMORROW KIT

200-280-360W\* FULL SPECTRUM




**COM200FS** + 1x UPGRADE 80W : 280W\*

**COM200FS** + 2x UPGRADE 80W : 360W\*



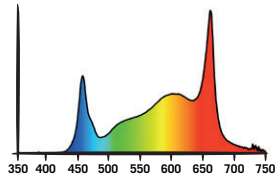
**Cosmorrow kits are complete lighting systems for high-intensity light requirements.**

This patented modular technology has made the Cosmorrow waterproof, durable (50.000 hours) and indestructible with the best light coverage area on the market. It also allows for easy maintenance and upgrades by disconnecting (Dimmable to 100%, 80% and 60%) or replacing individual light bulbs. The hanger allows fitting additional COPF40FS LED bulbs (optional) for even higher intensity lighting. The COM200FS lighting kit comes with a highly durable and efficient MeanWell driver.

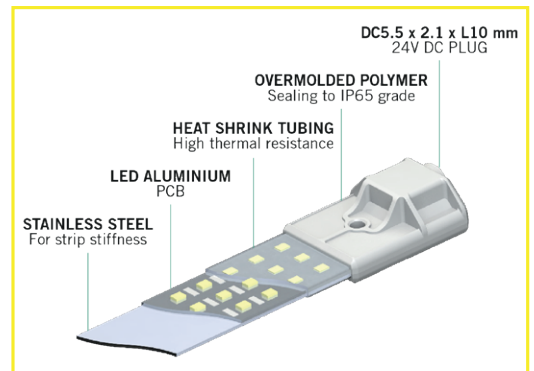
REFERENCE	DESIGNATION	PPE (bulb)	VIDEO
<b>COM200FS</b>	Cosmorrow 200W FULL SPECTRUM	2.85 $\mu\text{mol/s/w}$	
* UPGRADE 80W (sold separately)			
<b>COP40FS</b> x2	Cosmorrow LED 40W L70cm / L28" FULL SPECTRUM		
<b>COM40</b> x2	Cosmorrow Power 1x40W UE/UK/US (Alternative: 1x COM2X40)		

## GENERAL DETAILS

<b>Lifetime</b>	<b>Bulb :</b> 50 000 hours (L90B10) <b>Power supply :</b> 100 000 hours
<b>Application</b>	Grow tent / Grow room / Multi-layer
<b>Plant growth stage</b>	Growing / Blooming
<b>CCT</b>	3500 K
<b>Spectrum</b>	Full Spectrum



PATENT N°W02021176302



**+20% yield**  
Largest Footprint







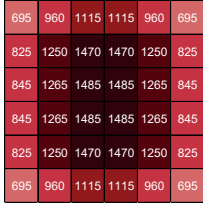
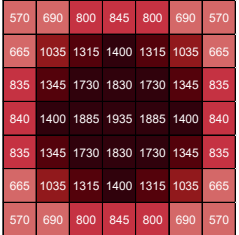
**24 V Bulbs**  
100% Safe



**IP65**  
Water jet resistant



**Unbreakable**  
Strong & Fall resistant

REF	COM200FS	COM200FS + 1x UPGRADE 80W	COM200FS + 2x UPGRADE 80W
<b>POWER</b>	<b>200W</b>	<b>280W</b>	<b>360W</b>
			
<b>WEIGHT</b>	2,9 kg / 6,4 lb	4.9 kg / 10,8 lb	6.3 kg / 12,2 lb
<b>DIMENSIONS ASSEMBLED</b>			
Length	73 cm / 29 inch	73 cm / 29 inch	73 cm / 29 inch
Width	64 cm / 25 inch	64 cm / 25 inch	64 cm / 25 inch
Height	11,5 cm / 4,5 inch	11,5 cm / 4,5 inch	11,5 cm / 4,5 inch
<b>POWER</b>			
Consumption	200 W	280 W	360 W
Voltage	110-220 V	110-220 V	110-220 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
<b>CABLE LENGTH</b>			
24V	240 cm / 95 inch	240 cm / 95 inch	240 cm / 95 inch
220V	60 cm / 24 inch	60 cm / 24 inch	60 cm / 24 inch
<b>PLUG</b>			
Type	C/G/A Type	C/G/A Type	C/G/A Type
Country	UE/UK/US	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	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
<b>BULB INCLUDED</b>			
Quantity	5	5 + 2	5 + 4
Reference	COP40FS	COP40FS	COP40FS
Lifetime	50 000 hours	50 000 hours	50 000 hours
<b>LED &amp; RATIO</b>			
660nm	31%	31%	31%
2700K	23%	23%	23%
4000K	23%	23%	23%
6500K	23%	23%	23%
<b>LIGHT MEASUREMENT</b>			
Distance	20 cm / 8 inch	25 cm / 10 inch	30 cm / 12 inch
Area	80 x 80 cm / 2½' x 2½'	90 x 90 cm / 3' x 3'	100 x 100 cm / 3½' x 3½'
PPE BULB	2,85 µmol/J	2,85 µmol/J	2,85 µmol/J
PPE	2,70 µmol/J	2,70 µmol/J	2,70 µmol/J
PPF	540 µmol/s	756 µmol/s	972 µmol/s
PPFD average	1122 µmol/s/m²	1101 µmol/s/m²	1108 µmol/s/m²
PPFD			
	µmol/s/m²	µmol/s/m²	µmol/s/m²