

COSMORROW BULBS (COP)

COP2065



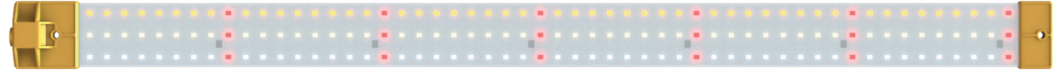
COP20FS



COP4065



COP40FS




Replace bulbs of your Cosmorrow kit or create your own system with our 24V bulbs.

WARNING : COP40FS cannot be interchanged with the others 40W, due to their different lengths.

Use them with our Cosmorrow power supply, or with any other 24V power supply.

Compatible Cosmorrow power supplies:

COM20, COM2X20, COM3X20, COM5X20, COM40, COM2X40

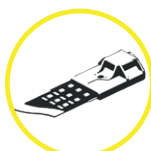
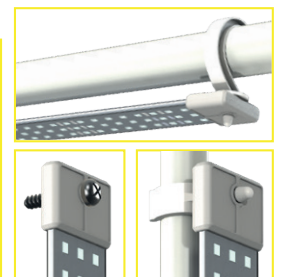
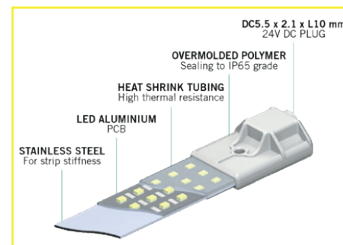
REFERENCE	DESIGNATION	PPE	VIDEO
COP2065	Cosmorrow Led 20w L50cm / L20" GROW	2.7µmol/s/W	
COP4065	Cosmorrow Led 40w L90cm / L28" GROW	2.7µmol/s/W	
COP20FS	Cosmorrow Led 20w L50cm / L20" FULL SPECTRUM	2.85µmol/s/W	
COP40FS	Cosmorrow Led 40w L70cm / L36" FULL SPECTRUM	2.85µmol/s/W	

GENERAL DETAILS

COSMORROW LED

Application	Grow tent / Grow room / Multi-layer / Plant factory
Plant growth stage	Any stage

PATENT N°W02021176302



Cosmorrow Technology





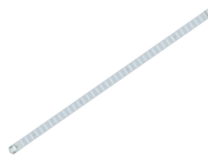
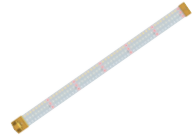
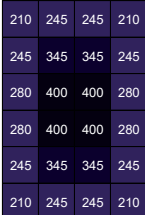
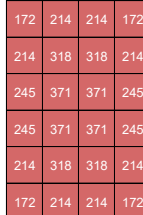
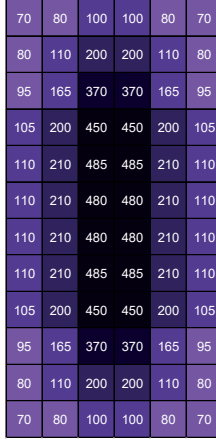
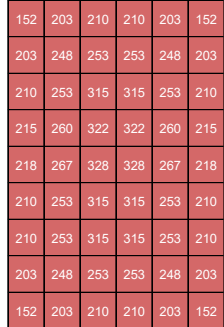
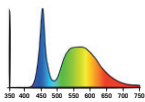
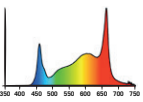
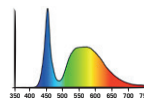
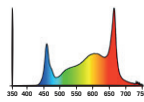
100% Safe
24V Power



Water Jet Resistant
IP65



High Durability
Strong & Fall resistant

REF	COP2065	COP20FS	COP4065	COP40FS
DESIGNATION METRIC	Cosmorrow Led 20W PPE2.7 L50cm GROW	Cosmorrow Led 20W PPE2.85 L50cm FULL SPECTRUM	Cosmorrow Led 40W PPE2.7 L90cm GROW	Cosmorrow Led 40W PPE2.85 L70cm FULL SPECTRUM
DESIGNATION IMPERIAL	Cosmorrow Led 20W PPE2.7 L20" GROW	Cosmorrow Led 20W PPE2.85 L20" FULL SPECTRUM	Cosmorrow Led 40W PPE2.7 L36" GROW	Cosmorrow Led 40W PPE2.85 L28" FULL SPECTRUM
				
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	70 cm / 27,5 inch
Width	3,2 cm / 1,25 inch	3,2 cm / 1,25 inch	3,2 cm / 1,25 inch	4,5 cm / 1,8 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
ELECTRICAL				
Current	0.78 A	0.78 A	1,56 A	1,56 A
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				
2700K	-	23%	-	23%
4000K	-	23%	-	23%
6500K	100%	23%	100%	23%
660nm	-	31%	-	31%
LIFETIME (L90B10)	50 000 hours	50 000 hours	50 000 hours	50 000 hours
IP RATING	IP65	IP65	IP65	IP65
LIGHT MEASUREMENT				
Distance	15 cm / 6 in	15 cm / 6 in	15 cm / 6 in	20 cm / 8 in
Area	60 x 40 cm / 2 x 1½ ft	60 x 40 cm / 2 x 1½ ft	120 x 60 cm / 4 x 2 ft	90 x 60cm / 3 x 2 ft
PPE	2,70 µmol/J	2,85 µmol/J	2,70 µmol/J	2,85 µmol/J
PPF	51 µmol/s	53µmol/s	101 µmol/s	107 µmol/s
PPFD*				
PPFD average* Spectrum	268 µmol/s/m ² 	238 µmol/s/m ² 	205 µmol/s/m ² 	240 µmol/s/m ² 

* Measured on white board

