

COSMORROW BULBS (COP)

COP2065



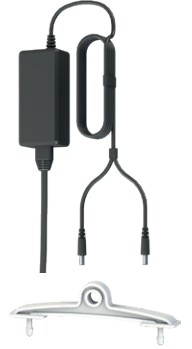
COP20BL



COM20




COM40D



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

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

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

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	
COP20BL	Cosmorrow Led 20w L50cm / L20" FULL SPECTRUM	2.4µmol/s/W	
COP40FS	Cosmorrow Led 40w L70cm / L36" FULL SPECTRUM	2.85µmol/s/W	
COM20	Cosmorrow Power 1x20W		
COM40	Cosmorrow Power 1x40W		
COM40D	Cosmorrow Power 2x20W		
COM80D	Cosmorrow Power 2x40W		

GENERAL DETAILS

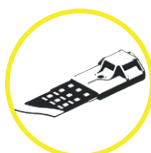
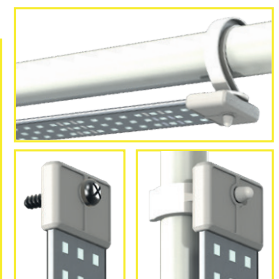
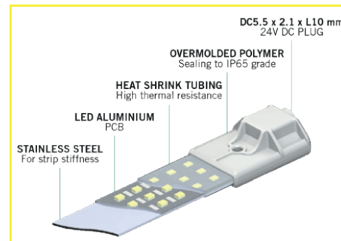
COSMORROW LED

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

COSMORROW POWER

Pole clip diameter	16 - 25 mm / 0.6 - 1.0 inch
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	COP2065	COP20BL	COP4065	COP40FS
DESIGNATION METRIC	Cosmorrow Led 20W PPE2.7 L50cm GROW	Cosmorrow Led 20W PPE2.4 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 PPE2.4 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	-	25%	-	23%
4000K	-	25%	-	23%
6500K	100%	25%	100%	23%
660nm	-	25%	-	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	2,40 µmol/J	2,70 µmol/J	2,85 µmol/J
PPF	51 µmol/s	48 µmol/s	101 µmol/s	107 µmol/s
PPFD average*	268 µmol/s/m²	238 µmol/s/m²	205 µmol/s/m²	240 µmol/s/m²
Spectrum				

* Measured on white board

REF	COM20	COM40	COM40D	COM80D
DESIGNATION	Cosmorrow Power 1x 20W	Cosmorrow Power 1x 40W	Cosmorrow Power 2x 20W	Cosmorrow Power 2x 40W
				
WEIGHT	0,35 kg / 0,70 lb	0,70 kg / 1,60 lb	0,80 kg / 1,80 lb	1,60 kg / 3,60 lb
DIMENSIONS ASSEMBLED				
Length	47 cm / 18,5 inch	87 cm / 34,5 inch	47 cm / 18,5 inch	87 cm / 34,5 inch
Width	3,2 cm / 1,3 inch	3,2 cm / 1,3 inch	12,0 cm / 4,8 inch	12,0 cm / 4,8 inch
Height	2,5 cm / 1,0 inch	2,5 cm / 1,0 inch	4,0 cm / 1,6 inch	4,0 cm / 1,6 inch
POWER				
Input voltage	110-220 V	110-220 V	110-220 V	110-220 V
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Max consumption	20 W	40 W	40 W	80 W
Output voltage	24 Vdc	24 Vdc	24 Vdc	24 Vdc
CABLE LENGTH				
24V	180 cm / 6 ft	240 cm / 8 ft	180 cm / 6 ft	240 cm / 8 ft
220V	60 cm / 2 ft	60 cm / 2 ft	60 cm / 2 ft	60 cm / 2 ft
AC 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



SECRET JARDIN



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