

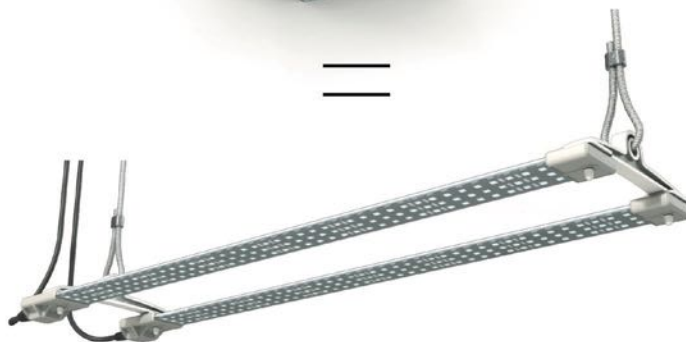
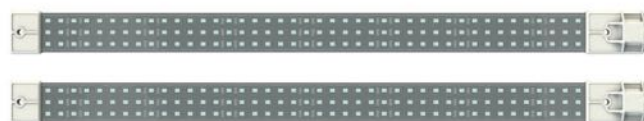


NEW LED - NEW CONCEPT

1x COSMORROW LED + COSMORROW 20W



2x COSMORROW LED + COSMORROW 2x20W



IP65



STRONG



CUSTOM
(Spectrum)



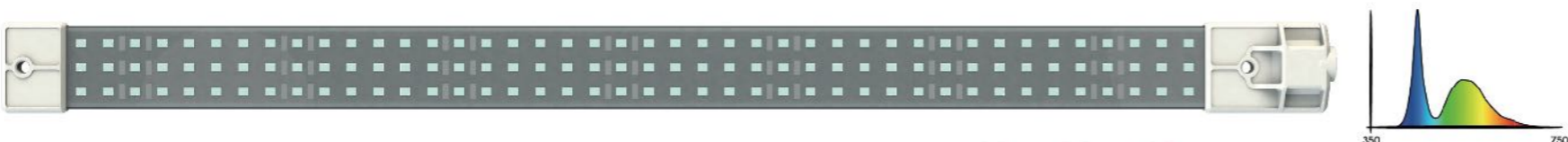
COMPACT



WATCH NOW

COSMORROW LED: APPLICATIONS

COL2065



COSMORROW LED 20W 24V 6500°K (GROWING)


6500 K

6500 K

6500 K

P.E = 2.2 umol/s/w
P.F = 44 umol/s

COL20BL



COSMORROW LED 20W 24V BLOOMING

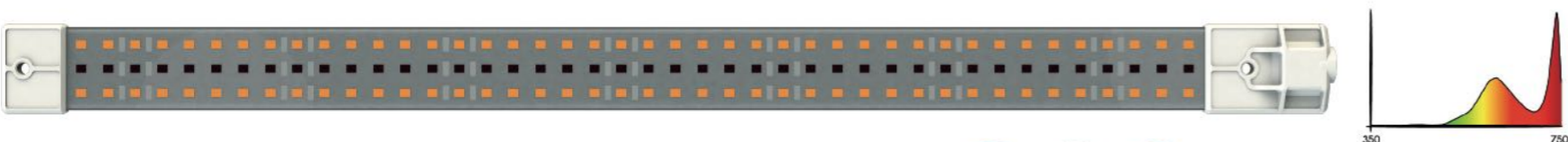
6500 K

2100 K

660 nm

P.E = 2.0 umol/s/w (*)
P.F = 40 umol/s

COL20IR



COSMORROW LED 20W 24V INFRARED

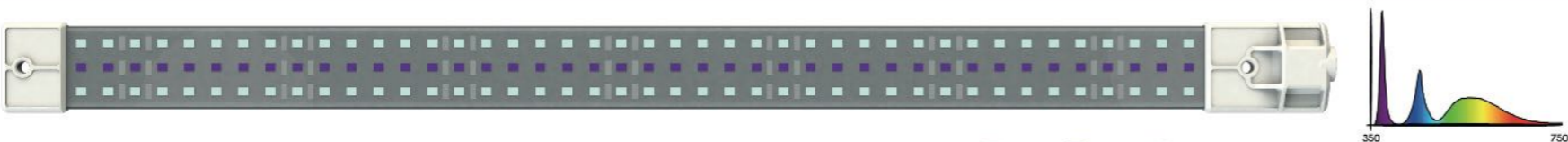
2100 K

730 nm

2100 K

P.E = 1.9 umol/s/w (*)
P.F = 38 umol/s

COL20UV



COSMORROW LED 20W 24V ULTRAVIOLET

6500 K


365 nm

6500 K

P.E = 1.7 umol/s/w (*)
P.F = 34 umol/s

(*) PE based on laboratory specs

SCREW




WITHOUT COSMORROW

24 V Plug:
IEC 60130-10 OD5.5
ID2.1 L10

Screws*
Ø3-4mm
* Not included

COM20



COSMORROW 1x20W


Ø 16-20 mm

Ø 21-25 mm

Ø 30mm

Handling & Grid

COM40D



COSMORROW 2x20W

Dual Clip

| COSMORROW® LED | | WGT | DIMENSIONS NET | | | POWER | | | COLOR | | | PF[350-1000] | PE[350-1000] | |
|----------------|---|-------|----------------|-----------|----------|-----------|---------|-----------|-----------|-------------|-------------|--------------|-------------------------|-----------------------------|
| REF | DESIGNATION | REV | Net kg | Length mm | Width mm | Height mm | Cons. W | Voltage V | Current A | Line 1 Type | Line 2 Type | Line 3 Type | Laboratory (*) μmol / s | Laboratory (*) μmol / s / w |
| COL2065 | Cosmorrow® Led 20w 24V L50 cm GROWING | R1.00 | 0,16 | 470 | 32 | 14,5 | 20 | 24 | 0,83 | 6500 K | 6500 K | 6500 K | 44 | 2,2 |
| COL20BL | Cosmorrow® Led 20w 24V L50 cm BLOOMING | R1.00 | 0,16 | 470 | 32 | 14,5 | 20 | 24 | 0,83 | 6500 K | 2100 K | 660 nm | 40 | 2,0 |
| COL20IR | Cosmorrow® Led 20w 24V L50 cm INFRARED | R1.00 | 0,16 | 470 | 32 | 14,5 | 20 | 24 | 0,83 | 2100 K | 730 nm | 2100 K | 38 | 1,9 |
| COL20UV | Cosmorrow® Led 20w 24V L50 cm ULTRAVIOLET | R1.00 | 0,16 | 470 | 32 | 14,5 | 20 | 24 | 0,83 | 6500 K | 365 nm | 6500 K | 34 | 1,7 |

| COSMORROW® LIGHT FIXTURE | | WGT | POWER | CABLE LENGTHS | | GROW AREA | |
|--------------------------|---------------------------|-------|--------|---------------|--------|-------------|--------------------|
| REF | DESIGNATION | REV | Net kg | Cons. W | 24V cm | 100-220V cm | Stage Area cm x cm |
| COM20 | Cosmorrow® 1x20w UE/UK/US | R1.00 | 0,35 | 20 | 180 | 60 | Prop. 60 x 40 |
| COM40D | Cosmorrow® 2x20w UE/UK/US | R1.00 | 0,80 | 40 | 180 | 60 | Grow 60 x 40 |

| COSMORROW MAIN SPECIFICATIONS | | |
|---|---|---|
| Environment Class: IP56 Working T°C: 0 to 40°C Storing T°C: -20 to 60°C | Power Voltage: 100 - 220 Volts Frequency: 50 / 60 Hz Plugs Inc.: C (UE) & G (UK) & A (US) | 24 V Plug IEC 60130-10 OD5.5 ID2.1 L10 Life Time 30 000 hours |

| COSMORROW LED MAIN SPECIFICATIONS | |
|--|-------------------------------|
| Environment Class: IP65 • Working T°C: 0 to 40°C • Storing T°C: -20 to 60°C | Life Time 20 000 hours |



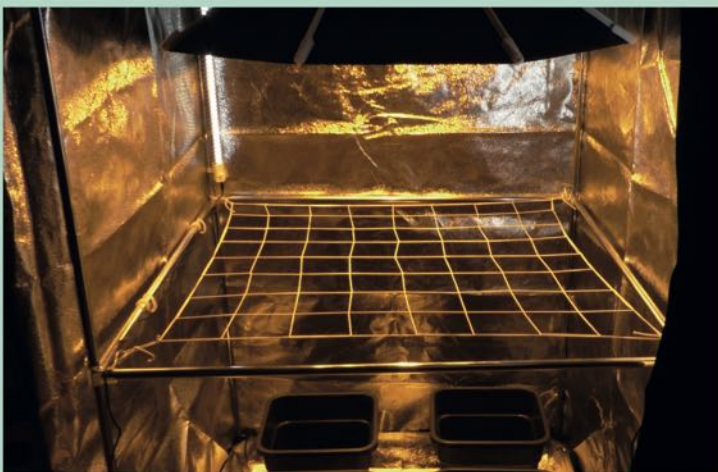
3x COSMORROW LED 6500K + 3x COM20 (DP120 R4.00)



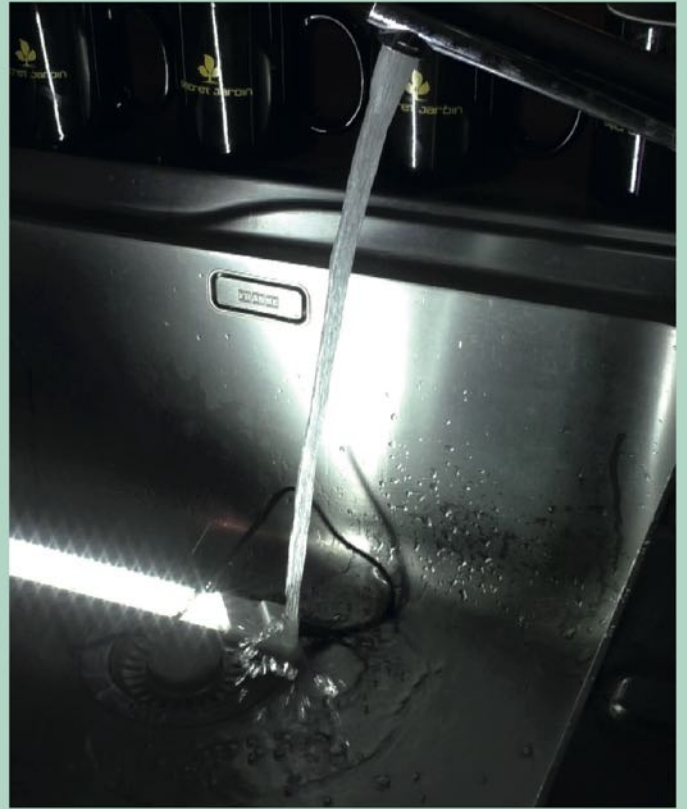
2x COSMORROW LED 6500K + 2x COM20 (DP90 R4.00)



2x COSMORROW LED 6500K + 1x COM40D (L100 R4.00)



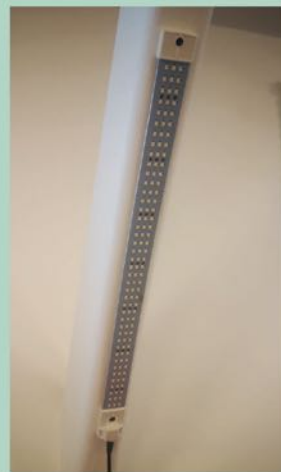
1x COSMORROW LED 6500K + 1x COM20 (DS90 R4.00)



IP65



VERY STRONG



1x COSMORROW LED 6500K (SCREWS + POWER SUPPLY)