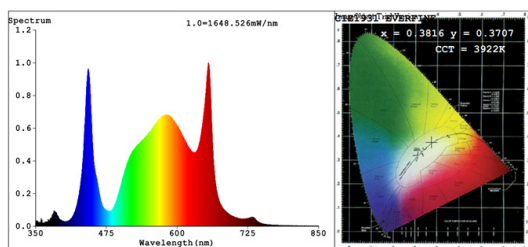


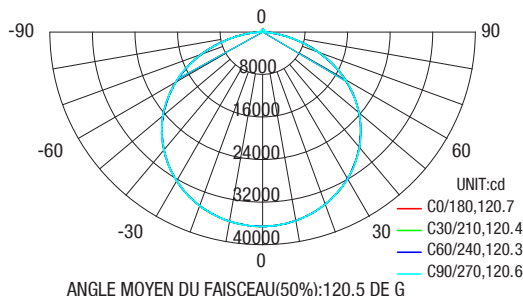
QUANTUM BEARS 680



GRAPHIQUE DU SPECTRE



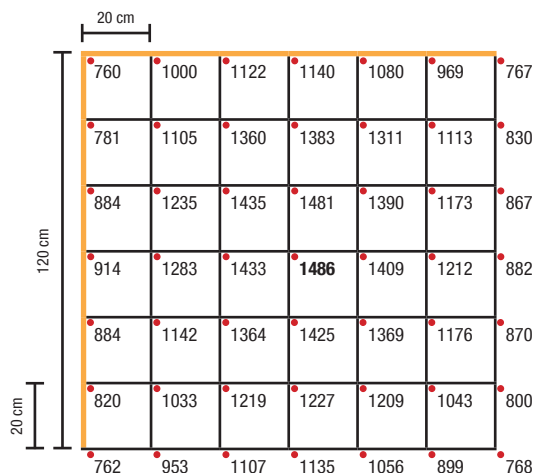
COURBE DE DISTRIBUTION FLUX



HAUTEUR DU TEST 30 cm

CANOPY PPFD 1103 $\mu\text{mol}/\text{m}^2/\text{s}$

SURFACE DE CULTURE CONSEILLÉE 120x120cm



Le Quantum Bears 680W est un système d'éclairage LED horticole ultra plat à spectre complet offrant une répartition homogène de la lumière sur l'espace de culture et qui produit un éclairage de qualité adapté à la croissance et à la floraison des plantes, distribuant des niveaux élevés de photons, avec une efficacité PPF jusqu'à 3,0 $\mu\text{mol}/\text{J}$. Sa conception unique vous permet d'obtenir jusqu'à 10% de photons supplémentaires au m^2 grâce aux panneaux latéraux inclinables!

SPECTRE : Spectre complet

CONSOMMATION : 680W

EFFICACITÉ PPF : 3.0 $\mu\text{mol}/\text{J}$

POIDS ET DIMENSIONS : 1100 x 1100 x 45mm / 15.5 Kg

SOURCE LUMINEUSE : Honglitronic SMD2835 x 2564pcs + SMD3535 x 152pcs

COULEUR DE LED : 4000K White + 660nm Red + 390nm UV + 740nm IR

HAUTEUR RECOMMANDÉE : 30 à 50 cm du sommet des plantes

TENSION / FRÉQUENCE D'ALIMENTATION : AC100-277V 50/60Hz

GESTION THERMIQUE : Dissipateur thermique en aluminium

ALIMENTATION : Sosen LED Driver

FACTEUR DE PUISSANCE : <0.90

CONTRÔLE : Contrôle en guirlande maître et esclave

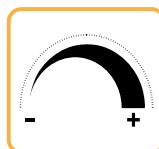
Prend en charge n'importe quel contrôleur externe 0-10V

PROTECTION : IP67

ANGLE DE DISTRIBUTION : 120° + panneaux ajustables 0°-30°

TEMPÉRATURE DE FONCTIONNEMENT : -25° à ~35°

GARANTIE : 3 ans



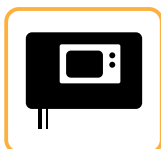
DIMMABLE
0-100%



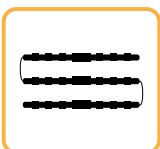
SPECTRE COMPLET



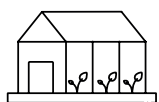
HAUTE EFFICACITÉ LUMINEUSE



CONTRÔLEUR EXTERNE 0-10V



CONTRÔLE MULTI-LED INTÉGRÉ



CULTURE INTÉRIEUR



HAUTEUR RECOMMANDÉE
30 à 50 cm



LÉGUMES, FRUITS ET HERBES



SCANNEZ MOI

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FRANCAIS

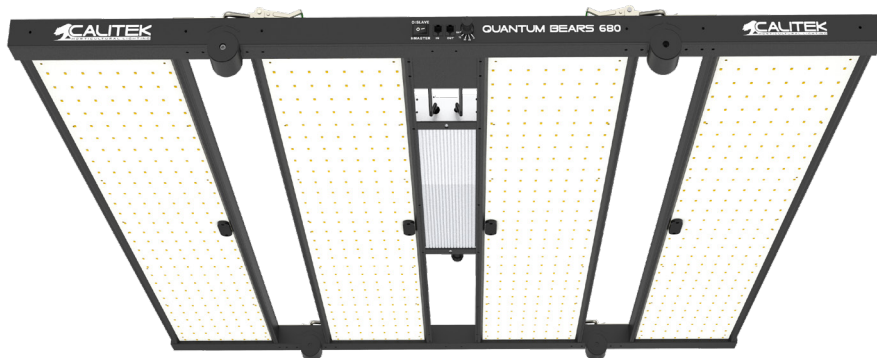


CALITEK
HORTICULTURAL LIGHTING

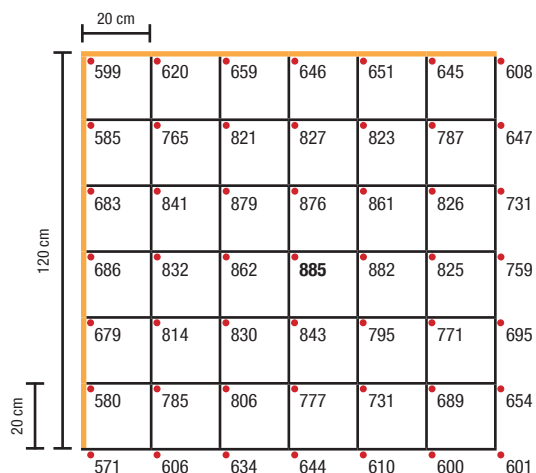
QUANTUM BEARS 680



ANGLE INCLINÉ 30° degré
HAUTEUR DU TEST 30 cm
CANOPY PPFD 1192 $\mu\text{mol}/\text{m}^2/\text{s}$
SURFACE DE CULTURE CONSEILLÉE 120x120cm



ANGLE INCLINÉ 30° degré
HAUTEUR DU TEST 90 cm
CANOPY PPFD 731 $\mu\text{mol}/\text{m}^2/\text{s}$
SURFACE DE CULTURE CONSEILLÉE 120x120cm



SCANNEZ MOI

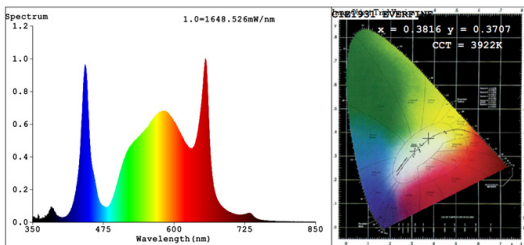
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ENGLISH

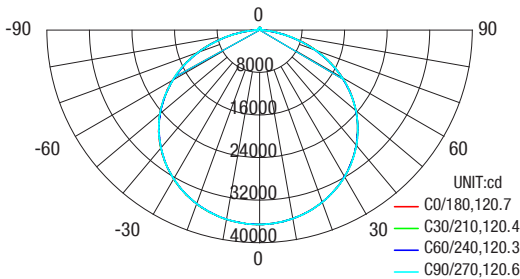
QUANTUM BEARS 680



SPECTRUM GRAPH



FLOW DISTRIBUTION CURVE

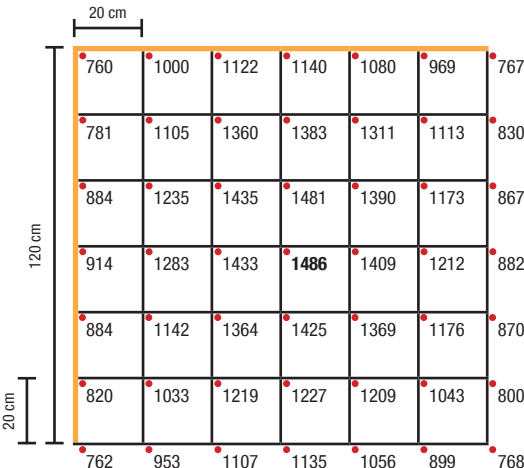


AVERAGE BEAM ANGLE(50%):120.5 DEG

TEST HEIGHT 30 cm

CANOPY PPFD 1103 $\mu\text{mol}/\text{m}^2/\text{s}$

RECOMMENDED GROWING AREA 120x120cm



The Quantum Bears 680W is an ultra-flat, full-spectrum horticultural LED lighting system offering a homogeneous distribution of light over the growing space and producing quality lighting suited to plant growth and flowering, distributing high levels of photons, with a PPF efficiency of up to 3.0 $\mu\text{mol}/\text{J}$. Its unique design allows you to obtain up to 10% more photons per m^2 thanks to the tilting side panels!

SPECTRE : Full spectrum

POWER : 680W

PPF EFFICACY : 3.0 $\mu\text{mol}/\text{J}$

SIZE / WEIGHT : 1100 x 1100 x 45mm / 15.5 Kg

LIGHT SOURCE : Honglitrionic SMD2835 x 2564pcs + SMD3535 x 152pcs

LED COLOR : 4000K White + 660nm Red + 390nm UV + 740nm IR

RECOMMENDED HEIGHT : 30 to 50 cm to above the canopy

AC INPUT : AC100-277V 50/60Hz

THERMAL MANAGMENT : Aluminum heat sink

POWER SUPPLY : Sosen LED Driver

POWER FACTOR : <0.90

CONTROL : Master and slave daisy chain control

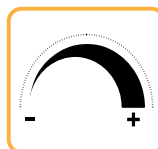
Supports any external 0-10V controller

PROTECTION : IP67

LIGHT DISTRIBUTION : 120° + 0°-30° adjustable panel (*)

WORKING TEMPERATURE : -25° à ~35°

WARRANTY : 3 ans



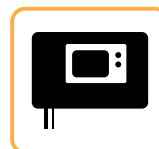
DIMMABLE
0~100%



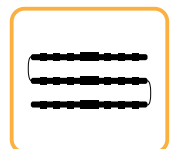
FULL
SPECTRE



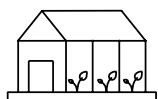
HIGH LUMINOUS
EFFICACY



CONTROLLER
EXTERNAL 0-10V



INTEGRATED MULTI-LED
CONTROL



CULTURE INDOOR



RECOMMENDED HEIGHT
30 to 50 cm



VEGETABLES, FRUIT AND HERBS



SCAN ME

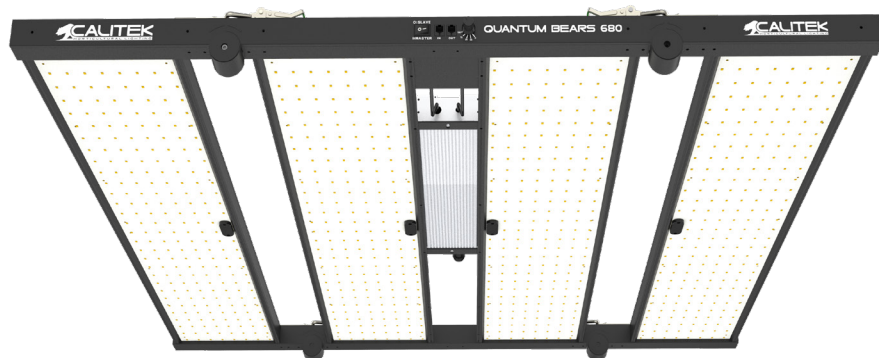
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ENGLISH

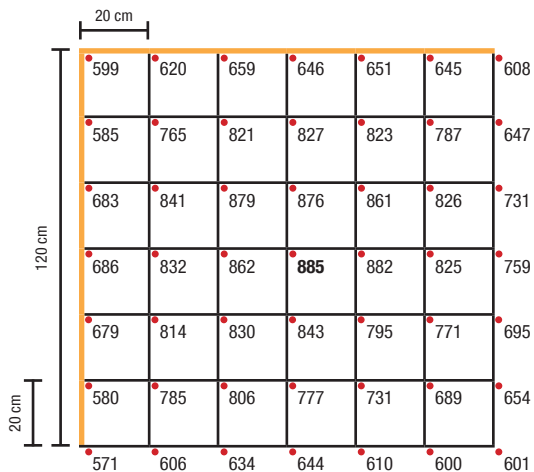
QUANTUM BEARS 680



INCLINED ANGLE 30° degré
TEST HEIGHT 30 cm
CANOPY PPFD 1192 $\mu\text{mol}/\text{m}^2/\text{s}$
RECOMMENDED GROWING AREA 120x120cm



INCLINED ANGLE 30° degré
TEST HEIGHT 90 cm
CANOPY PPFD 731 $\mu\text{mol}/\text{m}^2/\text{s}$
RECOMMENDED GROWING AREA 120x120cm



SCAN ME

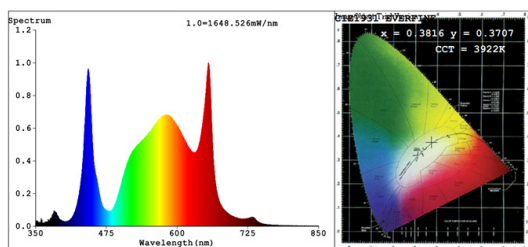
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ESPAÑOL

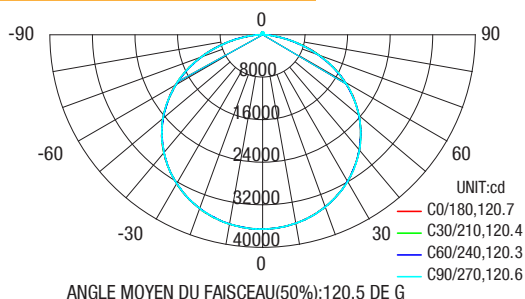
QUANTUM BEARS 680



GRÁFICO ESPECTRAL



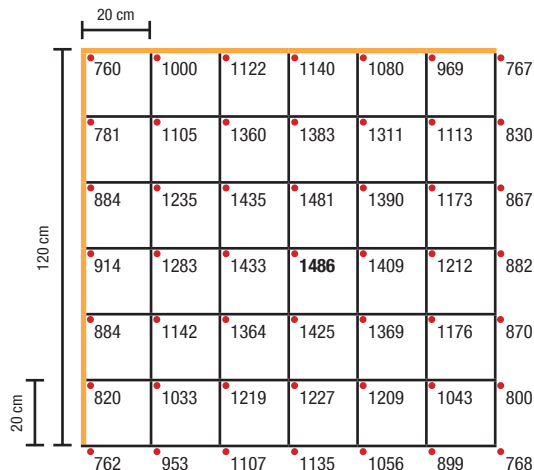
CURVA DE DISTRIBUCIÓN DEL FLUJO



ALTURA DE PRUEBA 30 cm

CANOPY PPF 1103 $\mu\text{mol}/\text{m}^2/\text{s}$

SUPERFICIE DE CULTIVO RECOMENDADA 120x120cm



El Quantum Bears 680W es un sistema de iluminación LED hortícola ultraplano de espectro completo que proporciona una distribución uniforme de la luz en todo el espacio de cultivo y produce una iluminación de calidad adecuada para el crecimiento y la floración de las plantas, distribuyendo altos niveles de fotones, con una eficiencia PPF de hasta 3,0 $\mu\text{mol}/\text{J}$. Su diseño único permite obtener hasta un 10% más de fotones por m^2 gracias a los paneles laterales basculantes.

ESPECTRO : Espectro completo

CONSUMO : 680W

EFICIENCIA PPF : 3.0 $\mu\text{mol}/\text{J}$

PESO Y DIMENSIONES : 1100 x 1100 x 45mm / 15.5 Kg

FUENTE DE LUZ : Honglitrionic SMD2835 x 2564pcs + SMD3535 x 152pcs

COLOR DEL LED : 4000K Blanco + 660nm Rojo + 390nm UV + 740nm IR

ALTURA RECOMENDADA : 30 à 50 cm desde la parte superior de las plantas

TENSIÓN DE ALIMENTACIÓN / FRECUENCIA : AC220-240V 50/60Hz

GESTIÓN TÉRMICA : Disipador de calor de aluminio

FUENTE DE ALIMENTACIÓN : Sosen LED Driver

FACTOR DE POTENCIA : <0.90

CONTROL : Control en cadena maestro y esclavo

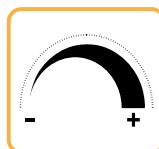
Soporta cualquier controlador externo 0-10V

PROTECCIÓN : IP67

ÁNGULO DE DISTRIBUCIÓN : 120°

TEMPERATURA DE FUNCIONAMIENTO : -25° à ~35°

GARANTÍA : 3 años



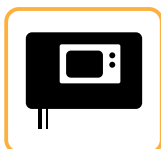
REGULABLE
0-100%



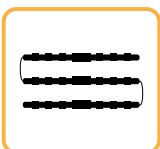
ESPECTRO
COMPLETO



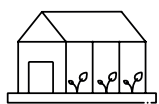
ALTA EFICACIA
LUMINOSA



CONTROLADOR
EXTERNO 0-10V



CONTROL MULTILED
INTEGRADO



CULTIVO DE INTERIOR



ALTURA RECOMENDADA
30 à 50 cm



VERDURAS, FRUTAS Y HIERBAS

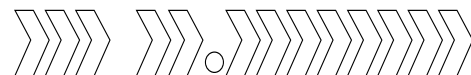


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ESPAÑOL >>>.

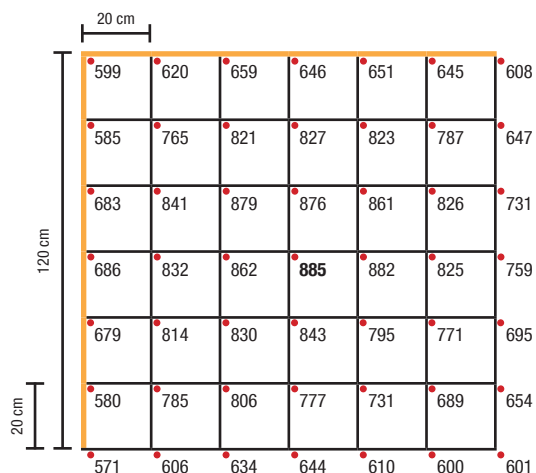
QUANTUM BEARS 680



ÁNGULO INCLUIDO 30° degré
ALTURA DE PRUEBA 30 cm
CANOPY PPFD 1192 $\mu\text{mol}/\text{m}^2/\text{s}$
SUPERFICIE DE CULTIVO RECOMENDADA 120x120cm



ÁNGULO INCLUIDO 30° degré
ALTURA DE PRUEBA 90 cm
CANOPY PPFD 731 $\mu\text{mol}/\text{m}^2/\text{s}$
SUPERFICIE DE CULTIVO RECOMENDADA 120x120cm



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