

2 LED TUBES INCLUDED

UNDER CANOPY

LED



Solux



verdetop

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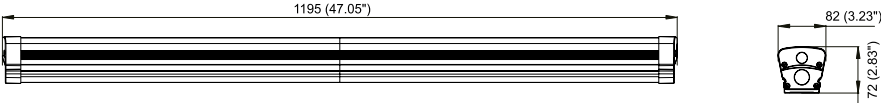
PRODUCT FEATURES

Housing material	Aluminum
Optics materials	High transmission PC
Radiation angle	120°
Protection degree	IP65 (dust and watertight)

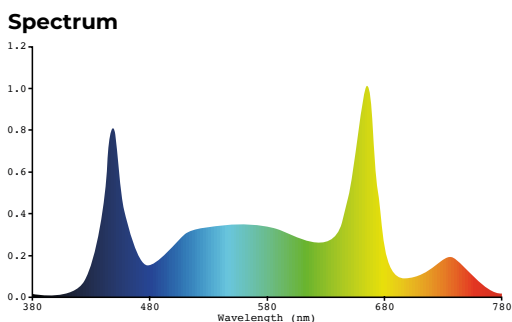
Power(±5%)	120W
System efficacy	2.7 umol/J @220V
PPF Output	324 umol/s
Current Range	1.2A @ 100V, 0.43A @ 277V
Heat BTU Generated	409.2 BTU
Input Voltage	100-240 Vac, 100-277 VAC 50-60Hz
Isolation Class	Class I
Power Factor	>0.9
Dimming	0-10V
IP rating	IP65

Dimensions	1148 × 82 × 72mm
Net Weight	4.14±0.3kg / 9.12±0.66lbs
Qty/CTN	1 pc
Gross Weight	4.5 kg±0.3kg / 9.92±0.66lbs
CTN SIZE	1230 × 200 × 170mm
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C / -40°F to 158°F (85% RH)
Warranty	3 years

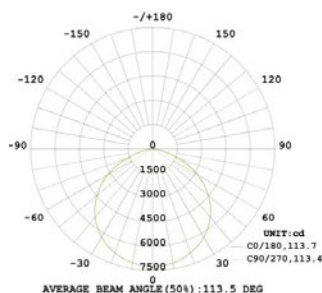
DRAWING



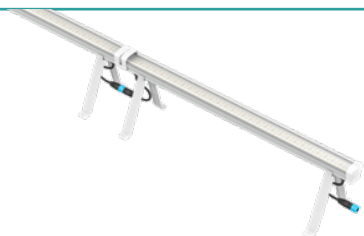
HORTI-UNDER SPECTRUM CHART



BEAM ANGLE



PRODUCT DETAILS



- Built-in driver, easy for installation and transportation.
- Daisy-chain solution, can connect 7pcs at 120V, 15pcs at 240V, 17pcs at 277V save AC plugs in projects.
- IP65 PC cover is resistant to water.
- Passive cooling, no fans or moving parts.

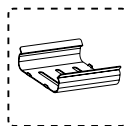
ACCESSORIES



2 pcs × Ground Fix Stands
H = 25cm



EU Plug



Interconnection
Clips

COMPLIANCE

CE

Low Voltage Directive (LVD)

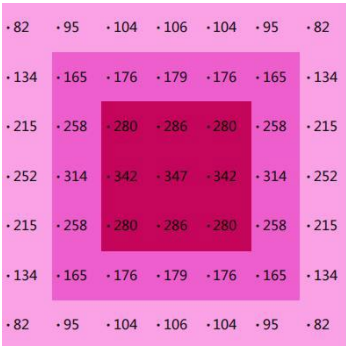
Electromagnetic Compatibility Directive (EMC)

Restriction of Hazardous Substances (RoHS) Directive

* typical values for stable operation at 25°C / 77 °F ambient temperature



PPFD TEST RESULT



120W 45cm/18"

- **Cover area:** 0.9m x 1.2 m / 3' x 4' 45cm/18"
- **Height fixture to canopy:** 45cm/18"
- **1 fixture needed for:** 1.08 m2 / 11.6 sqft

PPFD VALUE

120W 45cm/18"

- **Average:** 175 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Maximum:** 347 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Minimum:** 82 $\mu\text{Mol}/\text{m}^2/\text{s}$

CURRENT

Voltage	120V	208V	240V	277V
120W	1A	0.57A	0.50A	0.43A

Daisy-Chaining QTY Instruction

Voltage	Max of connected
120V	7
240V	15
277V	17



CARACTERÍSTICAS DEL PRODUCTO

Material de la carcasa	Aluminio
Materiales ópticos	PC de alta transmisión
Ángulo de radiación	120°
Grado de protección	IP65 (a prueba de polvo y agua)

Potencia (±5%)	120W
Eficiencia del sistema	2.7 umol/J @220V
Salida PPF	324 umol/s
Rango de corriente	1.2A @ 100V, 0.43A @ 277V
Calor generado en BTU	409.2 BTU
Voltaje de entrada	100-240Vac, 100-277VAC 50-60Hz
Clase de aislamiento	Clase I
Factor de potencia	>0.9
Atenuación	0-10V
Grado de protección IP	IP65

Dimensiones	1148 x 82 x 72 mm
Peso neto	4.14±0.3kg / 9.12±0.66lbs
Cantidad por caja	1 pieza
Peso bruto	4.5 kg±0.3kg / 9.92±0.66lbs
Tamaño de la caja	1230 x 200 x 170mm
Condiciones de operación	0°C a 40°C / 32°F a 104°F (95% RH)
Condiciones de almacenamiento	-40°C a 70°C / -40°F a 158°F (85% RH)
Garantía	3 años

DIBUJO

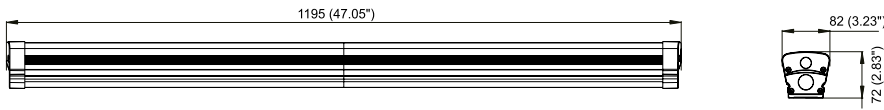
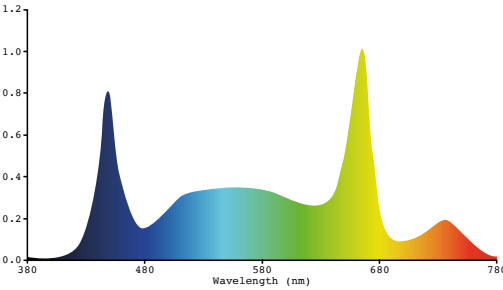
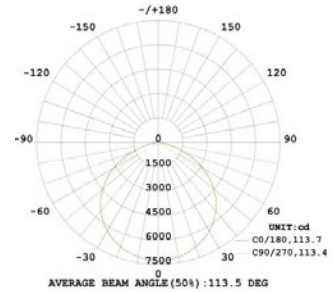


GRÁFICO DEL ESPECTRO HORTI-UNDER

Espectro



ÁNGULO DEL HAZ



DETALLES DEL PRODUCTO



- Controlador incorporado, fácil de instalar y transportar.
- Solución en cadena, puede conectar 7pcs a 120V, 15pcs a 240V, 17pcs a 277V, ahorrando enchufes de CA en proyectos.
- La cubierta de PC IP65 es resistente al agua.
- Enfriamiento pasivo, sin ventiladores ni partes móviles.

CUMPLIMIENTO

CE

Directiva de Baja Tensión (LVD)

Directiva de Compatibilidad Electromagnética (EMC)

Directiva de Restricción de Sustancias Peligrosas (RoHS)

* valores típicos para una operación estable a 25°C / 77°F de temperatura ambiente

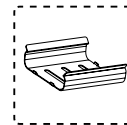
ACCESSORIES



2 pcs × Ground Fix Stands
H = 25cm

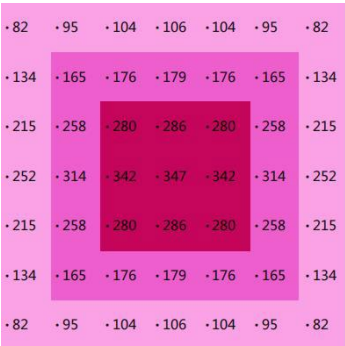


EU Enchufe



Interconexion
Clips

RESULTADOS DE LA PRUEBA PPFD



120W 45cm/18"

- **Área de cobertura:**
0.9m x 1.2 m / 3' x 4' 45cm/18"
- **Altura de la lámpara al dosel:** 45cm/18"
- **1 lámpara necesaria para:** 1.08 m2 / 11.6 sqft

VALOR PPFD

120W 45cm/18"

- **Promedio:** 175 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Máximo:** 347 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Mínimo:** 82 $\mu\text{Mol}/\text{m}^2/\text{s}$

CORRIENTE

Voltaje	120V	208V	240V	277V
120W	1A	0.57A	0.50A	0.43A

Instrucciones de cantidad de conexión en cadena

Voltaje	Máximo de conectados
120V	7
240V	15
277V	17



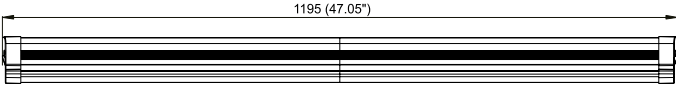
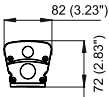
CARACTÉRISTIQUES DU PRODUIT

Matériau du boîtier	Aluminium
Matériaux optiques	PC à haute transmission
Angle de rayonnement	120°
Degré de protection	IP65 (étanche à la poussière et à l'eau)

Puissance (±5%)	120W
Efficacité du système	2.7 umol/J @220V
Sortie PPF	324 umol/s
Plage de courant	1.2A @ 100V, 0.43A @ 277V
Chaleur générée en BTU	409.2 BTU
Tension d'entrée	100-240Vac, 100-277VAC 50-60Hz
Classe d'isolation	Classe I
Facteur de puissance	>0.9
Gradation	0-10V
Indice de protection IP	IP65

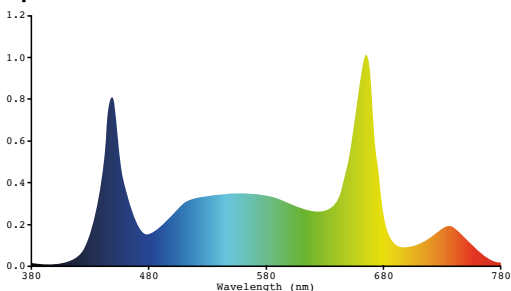
Dimensions	1148 x 82 x 72 mm
Poids net	4.14±0.3kg / 9.12±0.66lbs
Quantité par carton	1 pièce
Poids brut	4.5 kg±0.3kg / 9.92±0.66lbs
Taille du carton	1230 ×200 × 170mm
Conditions de fonctionnement	0°C à 40°C / 32°F à 104°F (95% RH)
Conditions de stockage	-40°C à 70°C / -40°F à 158°F (85% RH)
Garantie	3 ans

DESSIN

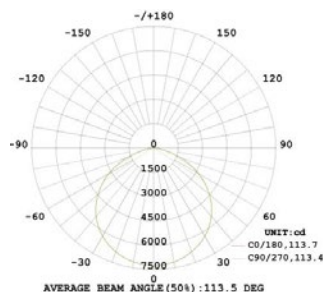


GRAPHIQUE DU SPECTRE HORTI-UNDER

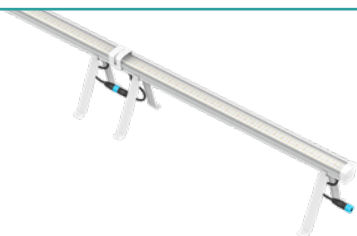
Spectre



ANGLE DE FAISCEAU

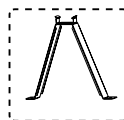


DÉTAILS DU PRODUIT



- Pilote intégré, facile à installer et à transporter.
- Solution en chaîne, peut connecter 7pcs à 120V, 15pcs à 240V, 17pcs à 277V, économisant des prises CA dans les projets.
- La couverture en PC IP65 est résistante à l'eau.
- Refroidissement passif, sans ventilateurs ni pièces mobiles.

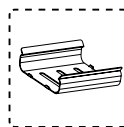
ACCESSOIRES



2 pcs × Supports de fixation au sol
H = 25cm



EU Prise



interconnexion
Clips

CONFORMITÉ

CE

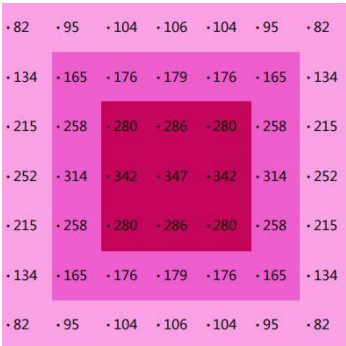
Directive Basse Tension (LVD)

Directive Compatibilité Électromagnétique (EMC)

Directive Restriction des Substances Dangereuses (RoHS)

*valeurs typiques pour un fonctionnement stable à 25°C / 77°F température ambiante

RÉSULTATS DU TEST PPFD



120W 45cm/18"

- **Zone de couverture:**
0.9m x 1.2 m / 3' x 4' 45cm/18"
- **Hauteur de l'appareil à la canopée:** 45cm/18"
- **1 appareil nécessaire pour:** 1.08 m2 / 11.6 sqft

VALEUR PPFD

120W 45cm/18"

- **Moyenne:** 175 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Maximum:** 347 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Minimum:** 82 $\mu\text{Mol}/\text{m}^2/\text{s}$

COURANT

Tension	120V	208V	240V	277V
120W	1A	0.57A	0.50A	0.43A

Instructions de quantité de chaîne

Tension	Max de connectés
120V	7
240V	15
277V	17



CARACTERÍSTICAS DO PRODUTO

Material da carcaça	Alumínio
Materiais ópticos	PC de alta transmissão
Ângulo de radiação	120°
Grau de proteção	IP65 (à prova de poeira e água)

Potência (±5%)	120W
Eficácia do sistema	2.7 umol/J @220V
Saída PPF	324 umol/s
Faixa de corrente	1.2A @ 100V, 0.43A @ 277V
Calor gerado em BTU	409.2 BTU
Tensão de entrada	100-240Vac, 100-277VAC 50-60Hz
Classe de isolamento	Classe I
Fator de potência	>0.9
Atenuação	0-10V
Grau de proteção IP	IP65

Dimensões	1148 x 82 x 72 mm
Peso líquido	4.14±0.3kg / 9.12±0.66lbs
Quantidade por caixa	1 peça
Peso bruto	4.5 kg±0.3kg / 9.92±0.66lbs
Tamanho da caixa	1230 × 200 × 170mm
Condições de operação	0°C a 40°C / 32°F a 104°F (95% RH)
Condições de armazenamento	-40°C a 70°C / -40°F a 158°F (85% RH)
Garantia	3 anos

DESENHO

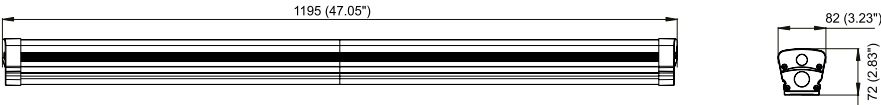
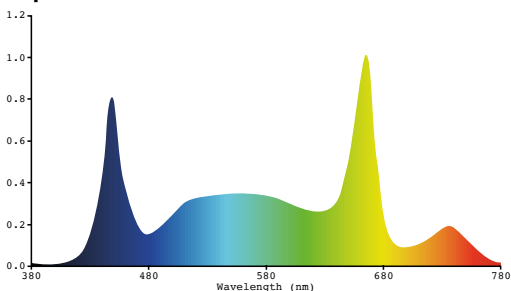
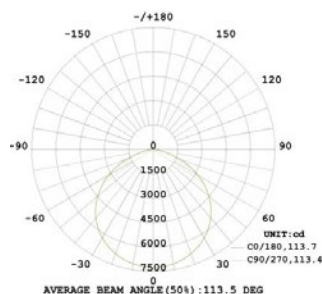


GRÁFICO DO ESPECTRO HORTI-UNDER

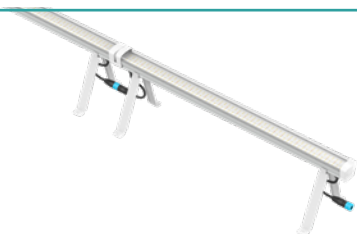
Espectro



ÂNGULO DO FEIXE

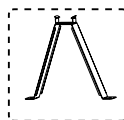


DETALHES DO PRODUTO



- Driver integrado, fácil de instalar e transportar.
- Solução em cadeia, pode conectar 7pcs a 120V, 15pcs a 240V, 17pcs a 277V, economizando tomadas CA em projetos.
- A cobertura de PC IP65 é resistente à água.
- Resfriamento passivo, sem ventiladores ou peças móveis.

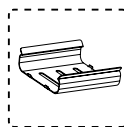
ACESSÓRIOS



2 peças × Suportes de fixação ao solo
H = 25cm



EU Plugue



interconexão
Clips

CONFORMIDADE

CE

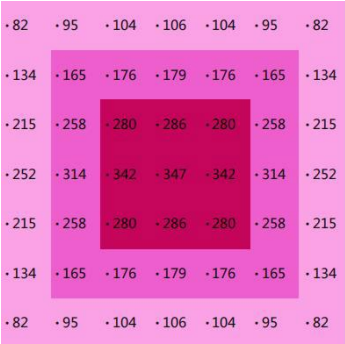
Diretiva de Baixa Tensão (LVD)

Diretiva de Compatibilidade Eletromagnética (EMC)

Diretiva de Restrição de Substâncias Perigosas (RoHS)

* valores típicos para operação estável a 25°C / 77°F temperatura ambiente

RESULTADOS DO TESTE PPFD



120W 45cm/18"

- **Área de cobertura:** 0.9m x 1.2 m / 3' x 4'
- **Altura do aparelho à copa:** 45cm/18"
- **1 aparelho necessário para:** 1.08 m² / 11.6 sqft

VALOR PPFD

120W 45cm/18"

- **Média:** 175 µMol/m²/s
- **Máximo:** 347 µMol/m²/s
- **Mínimo:** 82 µMol/m²/s

TENSÃO

Tensão	120V	208V	240V	277V
120W	1A	0.57A	0.50A	0.43A

Instruções de quantidade de cadeia

Tensão	Máximo conectado
120V	7
240V	15
277V	17

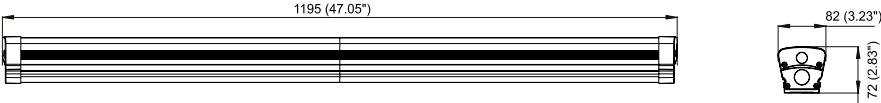
PRODUKTMERKMALE

Gehäusematerial	Aluminium
Optikmaterialien	Hochtransmissions-PC
Strahlungswinkel	120°
Schutzgrad	IP65 (staub- und wasserdicht)

Leistung (±5%)	120W
Systemeffizienz	2.7 umol/J @220V
PPF-Ausgang	324 umol/s
Strombereich	1.2A @ 100V, 0.43A @ 277V
Erzeugte Wärme in BTU	409.2 BTU
Eingangsspannung	100-240Vac, 100-277 VAC 50-60Hz
Isolationsklasse	Klasse I
Leistungsfaktor	>0.9
Dimmung	0-10V
IP-Schutzart	IP65

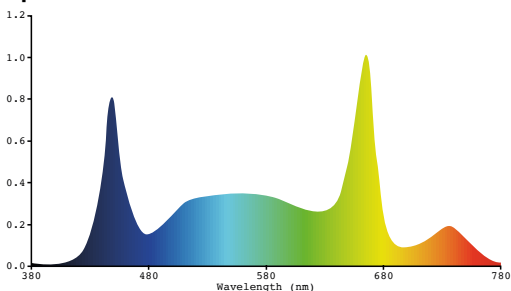
Abmessungen	1148 x 82 x 72 mm
Nettogewicht	4.14±0.3kg / 9.12±0.66lbs
Menge/CTN	1 Stück
Bruttogewicht	4.5 kg±0.3kg / 9.92±0.66lbs
CTN Größe	1230 x 200 x 170 mm
Betriebsbedingungen	0°C bis 40°C / 32°F bis 104°F (95% RH)
Lagerbedingungen	-40°C bis 70°C / -40°F bis 158°F (85% RH)
Garantie	3 Jahre

ZEICHNUNG

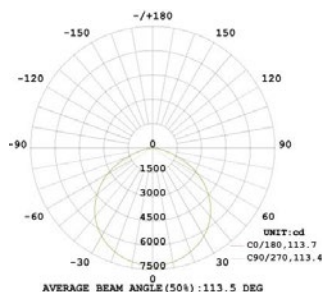


HORTI-UNDER SPEKTRUM DIAGRAMM

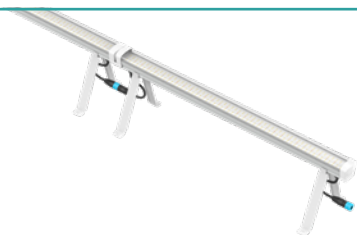
Spektrum



STRAHLWINKEL

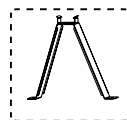


PRODUKTDDETAILS



- Eingebauter Treiber, einfach zu installieren und zu transportieren.
- Kettenlösung, kann 7pcs bei 120V, 15pcs bei 240V, 17pcs bei 277V, spart AC-Stecker in Projekten.
- IP65 PC-Abdeckung ist wasserfest.
- Passive Kühlung, keine Ventilatoren oder beweglichen Teile.

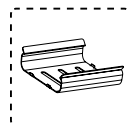
ZUBEHÖR



2 Stück × Bodenbefestigungsständer
H = 25cm



EU Stecker



Zusammenschaltung
Clips

KONFORMITÄT

CE

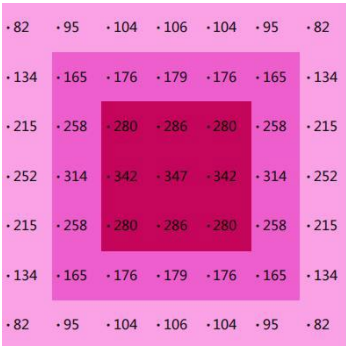
Niederspannungsrichtlinie (LVD)

Richtlinie zur elektromagnetischen Verträglichkeit (EMC)

Richtlinie zur Beschränkung gefährlicher Stoffe (RoHS)

* typische Werte für stabilen Betrieb bei 25°C / 77°F Umgebungstemperatur

PPFD-TESTRESULTAT



120W 45cm/18"

- **Abdeckungsbereich:**
0.9m x 1.2 m / 3' x 4' 45cm/18"
- **Höhe der Leuchte zum Dach:** 45cm/18"
- **1 Leuchte benötigt für:** 1.08 m2 / 11.6 sqft

PPFD-WERT

120W 45cm/18"

- **Durchschnitt:** 175 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Maximum:** 347 $\mu\text{Mol}/\text{m}^2/\text{s}$
- **Minimum:** 82 $\mu\text{Mol}/\text{m}^2/\text{s}$

SPANNUNG

Spannung	120V	208V	240V	277V
120W	1A	0.57A	0.50A	0.43A

Anweisungen zur Kettenmenge

Spannung	Maximal verbunden
120V	7
240V	15
277V	17
347V	20
480V	30



CARATTERISTICHE DEL PRODOTTO

Materiale dell'involucro	Alluminio
Materiali ottici	PC ad alta trasmissione
Angolo di radiazione	120°
Grado di protezione	IP65 (a prova di polvere e acqua)

Potenza (±5%)	120W
Efficacia del sistema	2.7 umol/J @220V
Uscita PPF	324 umol/s
Gamma di corrente	1.2A @ 100V, 0.43A @ 277V
Calore generato in BTU	409.2 BTU
Tensione di ingresso	100-240Vac, 100-277VAC 50-60Hz
Classe di isolamento	Classe I
Fattore di potenza	>0.9
Dimmerabile	0-10V
Grado di protezione IP	IP65

Dimensioni	1148 x 82 x 72 mm
Peso netto	4.14±0.3kg / 9.12±0.66lbs
Quantità per scatola	1 pezzo
Peso lordo	4.5 kg±0.3kg / 9.92±0.66lbs
Dimensioni scatola	1230 × 200 × 170mm
Condizioni operative	0°C a 40°C / 32°F a 104°F (95% RH)
Condizioni di stoccaggio	-40°C a 70°C / -40°F a 158°F (85% RH)
Garanzia	3 anni

DISEGNO

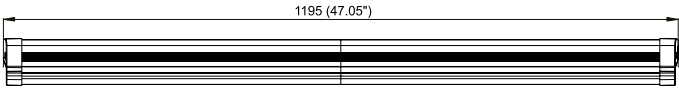
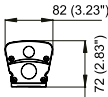
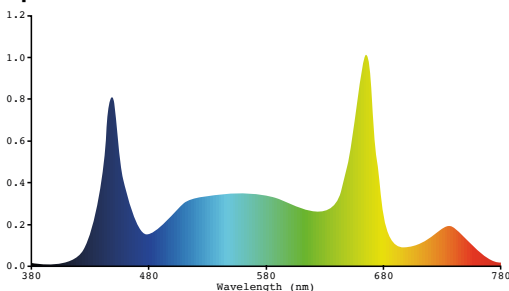
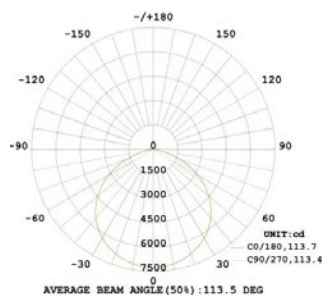


GRAFICO DELLO SPETTRO HORTI-UNDER

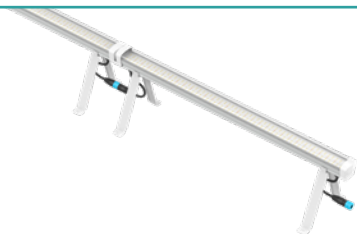
Spettro



ANGOLO DEL FASCIO



DETTAGLI DEL PRODOTTO



- Driver integrato, facile da installare e trasportare.
- Soluzione a catena, può collegare 7pcs a 120V, 15pcs a 240V, 17pcs a 277V, risparmiando prese CA nei progetti.
- La copertura in PC IP65 è resistente all'acqua.
- Raffreddamento passivo, senza ventilatori o parti mobili.

CONFORMITÀ

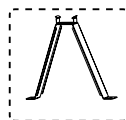
CE

Direttiva Bassa Tensione (LVD)

Direttiva Compatibilità Elettromagnetica (EMC)

Direttiva Restrizione di Sostanze Pericolose (RoHS)

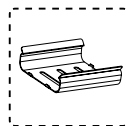
ACCESSORI



2 pezzi × Supporti di fissaggio
al suolo H = 25cm



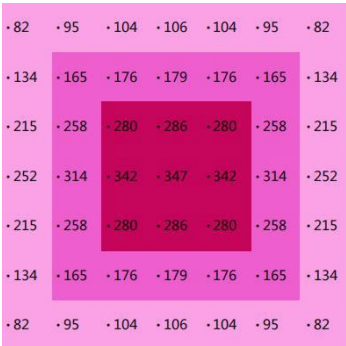
EU Tappo



interconnessione
Clips

* valori tipici per un funzionamento stabile a 25°C / 77°F di temperatura ambiente

RISULTATI DEL TEST PPFD



120W 45cm/18"

- **Area di copertura:** 0.9m x 1.2 m / 3' x 4'
- **Altezza dell'apparecchio al dosel:** 45cm/ 18"
- **1 apparecchio necessario per:** 1.08 m² / 11.6 sqft

VALORE PPFD

120W 45cm/18"

- **Media:** 175 µMol/m²/s
- **Massimo:** 347 µMol/m²/s
- **Minimo:** 82 µMol/m²/s

TENSIONE

Tensione	120V	208V	240V	277V
120W	1A	0.57A	0.50A	0.43A

Istruzioni sulla quantità di concatenamento

Tensione	Massimo collegato
120V	7
240V	15
277V	17

Solux



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Gracias por confiar en Verdetop

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