

DAWSON™

HP HORTI LED LIGHTS

Key features:

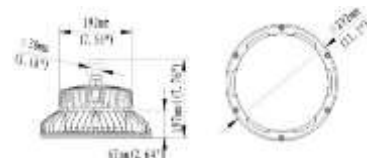
- 100W, 120W, 150W, 200W IP65 waterproof solution for the greenhouse.
- Shorten the nursery period, reduce pests and deformity.
- Flowering 15-20 days earlier, mention morning market.
- Increase the brightness of flowers.
- The storage period of fruits and vegetables and flowers extended 5-10 days.
- There is a certain degree of warming effect.
- Customized spectrum for the orchid, rose grow and so on.
- Standard efficacy >2.0umol/J , high efficacy >2.3umol/J for your choice.



Specification

Item Number	DHP-HL12-100	DHP-HL12-120	DHP-HL12-150	DHP-HL12-200
Power	100W	120W	150W	200W
System Efficacy	>2.0 μmol/J			
PPF Output	>200umol/s	>240umol/s	>300umol/s	>400umol/s
Power input	100-277/180-528Vac			
Power Factor	>0.96			
Lifetime	45,000hours			
Warranty	2 years			
IP Rating	IP65			
Dimensions	Φ292X192mm			
Weight	5.2±0.3kg (9.48±0.66Lbs)			

Dimension Drawing



Applications



- Greenhouse
- City farming / urban farming
- Research
- Propagation
- Seed breeding
- Indoor farming
- High rise vegetables
- Cut flowers
- Potted plants
- Propagation / breeding

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HC HORTI LED LIGHTS



Key features:

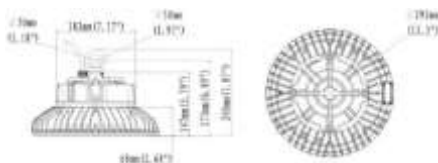
- 300W IP65 waterproof solution for the greenhouse.
- Shorten the nursery period, reduce pests and deformity.
- Flowering 15-20 days earlier, mention morning market.
- Increase the brightness of flowers.
- The storage period of fruits and vegetables and flowers extended 5-10 days.
- There is a certain degree of warming effect.
- Customized spectrum for the orchid, rose grow and so on.
- Standard efficacy >2.0umol/J , high efficacy >2.3umol/J for your choice.

Applications



- Greenhouse
- City farming / urban farming
- Research
- Propagation
- Seed breeding
- Indoor farming
- High rise vegetables
- Cut flowers
- Potted plants
- Propagation / breeding

Dimension Drawing



Specification

Item Number	DHC-HL01-300
Power	300W
System Efficacy	>2.3μmol/J
PPF Output	>240umol/s
Power input	100-277/180-527Vac
Power Factor	>0.92
Lifetime	45,000hours
Warranty	2 years
IP Rating	IP65
Dimensions	Φ292X200mm
Weight	5.2±0.3kg (9.48±0.66Lbs)

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HB HORTI LED LIGHTS



Key features:

- Having LED on both side, it can light two rows of plant.
- 1.2M 75W , 2.4M can do 100W and 150W , suitable size for the greenhouse.
- IP65, daisy channed, take male and female plug, easy to link one by one, can link 20 pcs in one line.
- Customized spectrum available by shineon ,osram , oslon , prolight , Epiled , CREE.
- Good supplemental lighting for cucumber and tomato or hops growing.

Specification

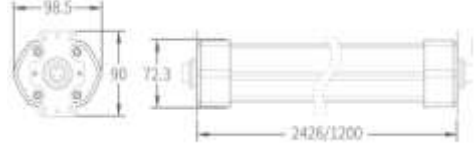
Item Number	DHB-HL01-75	DHB-HL01-100	DHB-HL01-150
Power	75W	100W	150W
System Efficacy	>2.1μmol/J		
PPF Output	>168umol/s		
Power input	100-277Vac		
Power Factor	>0.93		
Lifetime	45,000hours		
Warranty	2 years		
IP Rating	IP65		
Dimensions	98.5×90×1226mm	98.5×90×2426mm	98.5×90×2426mm
Weight	5.6±0.3kg (12.35±0.66Lbs)		

Applications



- Greenhouse
- City farming / urban farming
- Research
- Propagation
- Seed breeding
- Indoor farming
- High rise vegetables
- Cut flowers
- Potted plants
- Propagation / breeding

Dimension Drawing



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e-HB HORTI LED LIGHTS



Key features:

- Having LED on both side, it can light two rows of plant.
- 1.2M 75W, 2.4M can do 100W and 170W, suitable size for the greenhouse.
- IP65, daisy channed, take male and female plug, easy to link one by one, can link 20 pcs in one line.
- Customized spectrum available by shineon ,osram , oslon , prolight , Epiled , CREE.
- Good supplemental lighting for cucumber and tomato or hops growing.
- External power supply to get more better heat dissipation.

Specification

Item Number	eDHB-HL02-75	eDHB-HL02-100	eDHB-HL02-150
Power	75W	100W	150W
System Efficacy	>2.1μmol/J		
PPF Output	>168umol/s		
Power input	100-277Vac		
Power Factor	>0.93		
Lifetime	45,000hours		
Warranty	2 years		
IP Rating	IP65		
Dimensions	98.5×90×1226m m	98.5×90×2426m m	98.5×90×2426m m
Weight	5.6±0.3kg (12.35±0.66Lbs)		

Applications



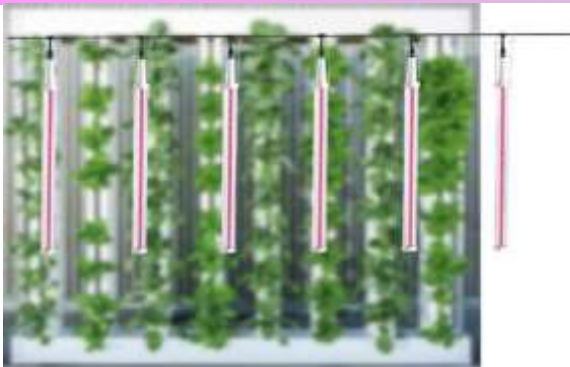
- Greenhouse
- City farming / urban farming
- Research
- Propagation
- Seed breeding
- Indoor farming
- High rise vegetables
- Cut flowers
- Potted plants
- Propagation / breeding

Dimension Drawing



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HT HORTI LED LIGHTS



Key features:

- Having LED on both side, it can light two rows of plant.
- 1.2M 40W , suitable size for the greenhouse.
- IP65, daisy chained, take male and female plug.
- Customized spectrum available by shineon ,osram , oslon , prolight , Epiled , CREE.
- Good supplemental lighting for cucumber and tomato or hops growing.

Applications



- Greenhouse
- City farming / urban farming
- Research
- Propagation
- Seed breeding
- Indoor farming
- High rise vegetables
- Cut flowers
- Potted plants
- Propagation / breeding



Specification

Item Number	DHT-300
Power	40W
System Efficacy	>2.0μmol/J
PPF Output	>80μmol/s
Power input	100-277Vac
Power Factor	>0.98
Lifetime	25,000hours
Warranty	2 years
IP Rating	IP65
Dimensions	58×50×1200mm
Weight	0.9kg

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HT8 HORTI LED LIGHTS



Key features:

- HT8 tube is suitable for the vertical farming grow green vegetables.
- Customized spectrum for different stage.
- Different standard tube for different market (US, European and so on).

Applications



- Indoor farming
- Research
- Seed breeding
- City farming / urban farming
- Propagation

Specification

Model	Length	Power	PPF	Input Voltage	Beam angle
DHT -T8-600	2ft	9W	18μmol/s	100-277VAC	90°/180°
DHT -T8-900	3ft	14W	28μmol/s	100-277VAC	90°/180°
DHT-T8-1200	4ft	18W	36μmol/s	100-277VAC	90°/180°
DHT-T8-1200	4ft	15W	30μmol/s	100-277VAC	90°/180°
DHT-T8-1200	4ft	22W	44μmol/s	100-277VAC	90°/180°
DHT-T8-1500	5ft	22W	44μmol/s	100-277VAC	90°/180°
DHT-T8-1800	6ft	26W	52μmol/s	100-277VAC	90°/180°
DHT-T8-2400	6ft	36W	72μmol/s	100-277VAC	90°/180°

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HSP HORTI LED LIGHTS



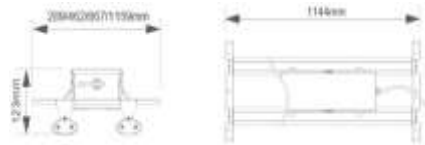
Key features:

- Top version led grow light for indoor farming
- High Efficacy more than 2.3umol/J.
- Meanwell driver + Osram led .
- External driver with mould design , 0-10V dimmable .
- Mould design , easy for maintance and replacement .
- Independent package for lights , drivers and connectors
- Cut the shipping cost .
- According to the requirements of customers, it can be single, multi-mode group application; Application of flexibility .

Applications

- Greenhouse
- City farming / urban farming vegetables
- Research
- Propagation
- Seed breeding breeding
- Indoor farming
- High rise
- Cut flowers
- Potted plants
- Propagation /

Dimension Drawing



Specification

Item Number	DHS-HL05-200	DHS-HL05-400	HDS-HL05-600	DHS-HL05-800
Power	200W	400W	600W	800W
System Efficacy	>2.3μmol/J			
PPF Output	>420umol/s	>840umol/s	>1260umol/s	>1580umol/s
Power input	100-277Vac			
Power Factor	>0.93			
Lifetime	45,000hours			
Warranty	2 years			
IP Rating	IP65			
Dimensions	289×1144×123mm	462×1144×123mm	867×1144×123mm	1159×1144×123mm
Weight	5±0.3kg	10±0.3kg	15±0.3kg	20±0.3kg

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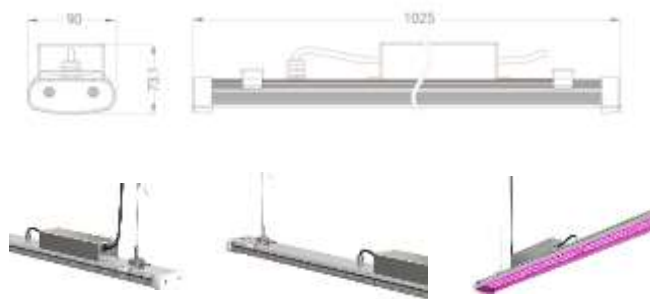
HS HORTI LED LIGHTS

Key features:

- Top version led grow light for greenhouse, very light weight 200W just weigh 3 kgs.
- Extrusion aluminum material, good at heat dissipation.
- For greenhouse growing flowers, lettuce, tomato and cucumber which need top lighting.
- Daisy Chain Solution, easy for your installation.



Dimension Drawing



Specification

Item Number	DHS-HL07-200
Power	200W
System Efficacy	>2.3μmol/j
PPF output	>460μmol/s
Power input	100-277Vac
Power Factor	>0.93
Lifetime	45,000hours
Warranty	2 years
IP Rating	IP65
Dimensions	1025*90*73mm
Weight	3kg