

# 6 & 18 LED Mid-Power Horticultural Linear Strips

IHS-P2xx-xxxx-SD221.

## Product Overview

IHS Mid-Power Linear Strips are ideal for close to crop illumination. Available in 100 or 300mm lengths. Available with 200mm connecting wires or male and female SMT connectors, chaining multiple Mid-Power Linear Strips together to form complex systems is very quick and simple – excellent for prototyping your design.



In our portfolio we have 1 type of Mid-Power Linear Strips available;


OSCONIQ® P2226: High-efficacy Mid-Power LED with long lifetimes also at high currents and high junction temperatures. Current range from 30 to 250mA

Many other wavelengths are available, such as IR, so if you don't see the wavelength value you are looking for, please ask.

## Accessories Designed for the Mid-Power Linear Strips

Secondary lens and reflectors from our lens partner LEDiL to enhance or widen the beam. LEDiL lens have mounting pins/clips which fit in conjunction to the Mid-Power Linear Strip.



 Standard lengths of 100, 300mm. Available in Black.

IHS have produced a range of High-performance, cost effective Thermal Interface Materials (TIM) to perfectly match their standard products.

Our product fills the air pockets between the two surfaces, forming a continuous layer to conduct heat away from the LED to the heatsink. As you'd imagine, this is why it's called thermal interface material.

IHS offer TIM in three options – double sided adhesive, single sided adhesive and no adhesive.



Select from our range of IP rated AC/DC LED drivers suitable for use with our range of LED engines. All tried and tested ready to plug and play...



The majority of the products in this flyer are available for sale through RS. If you require small quantities please go to their website to check their stock situation.

## Product Options

IHS Part Number	Description	Typical Current mA	240-790nm Total radiometric flux	PAR 400-700nm PPF $\mu\text{mol/s}$	PAR 360-780nm PPF $\mu\text{mol/s}$
IHS-P206-DEBL-SD221.	OSCONIQ P2226 6 Mid-Power Strip Deep Blue 445nm	100	1200 mW	4.52	4.53
IHS-P206-BLUE-SD221.	OSCONIQ P2226 6 Mid-Power Strip Blue 465nm	100	664 lm	2.58	2.59
IHS-P206-TRGR-SD221.	OSCONIQ P2226 6 Mid-Power Strip True Green 519nm	100	367 lm	1.61	1.61
IHS-P206-YELL-SD221.	OSCONIQ P2226 6 Mid-Power Strip Yellow 594nm	100	206 lm	1.02	1.02
IHS-P206-RED1-SD221.	OSCONIQ P2226 6 Mid-Power Strip Red 625nm	100	747 lm	3.94	3.94
IHS-P206-HYRE-SD221.	OSCONIQ P2226 6 Mid-Power Strip Hyper Red 656nm	100	720 mW	3.93	3.94
IHS-P206-FRED-SD221.	OSCONIQ P2226 6 Mid-Power Strip Far Red 730nm	100	396 mW	0.33	2.37
IHS-P206-HWWH-SD221.	OSCONIQ P2226 6 Mid-Power Strip Hot White 2700K	100	741 lm	3.44	3.58
IHS-P206-WMWH-SD221.	OSCONIQ P2226 6 Mid-Power Strip Warm White 3000K	100	815 lm	3.72	4.00
IHS-P206-QZWH-SD221.	OSCONIQ P2226 6 Mid-Power Strip Quartz White 3500K	100	837 lm	3.69	3.86
IHS-P206-NUWH-SD221.	OSCONIQ P2226 6 Mid-Power Strip Neutral White 4000K	100	730mW	3.34	3.46
IHS-P206-ULWH-SD221.	OSCONIQ P2226 6 Mid-Power Strip Ultra White 6500K	100	826 lm	3.58	3.68
IHS-P218-DEBL-SD221.	OSCONIQ P2226 18 Mid-Power Strip Deep Blue 445nm	100	3600 mW	13.57	13.59
IHS-P218-BLUE-SD221.	OSCONIQ P2226 18 Mid-Power Strip Blue 465nm	100	1993 lm	7.75	7.76
IHS-P218-TRGR-SD221.	OSCONIQ P2226 18 Mid-Power Strip True Green 519nm	100	1101 lm	4.82	4.82
IHS-P218-YELL-SD221.	OSCONIQ P2226 18 Mid-Power Strip Yellow 594nm	100	618 lm	3.06	3.06
IHS-P218-RED1-SD221.	OSCONIQ P2226 18 Mid-Power Strip Red 625nm	100	2242 lm	11.81	11.81
IHS-P218-HYRE-SD221.	OSCONIQ P2226 18 Mid-Power Strip Hyper Red 656nm	100	2160 mW	11.78	11.82
IHS-P218-FRED-SD221.	OSCONIQ P2226 18 Mid-Power Strip Far Red 730nm	100	1188 mW	0.99	7.12
IHS-P218-HWWH-SD221.	OSCONIQ P2226 18 Mid-Power Strip Hot White 2700K	100	2701 lm	12.36	13.50
IHS-P218-WMWH-SD221.	OSCONIQ P2226 18 Mid-Power Strip Warm White 3000K	100	2224 lm	10.33	10.74
IHS-P218-QZWH-SD221.	OSCONIQ P2226 18 Mid-Power Strip Quartz White 3500K	100	2510 lm	11.08	11.59
IHS-P218-NUWH-SD221.	OSCONIQ P2226 18 Mid-Power Strip Neutral White 4000K	100	2205mW	10.03	10.39
IHS-P218-ULWH-SD221.	OSCONIQ P2226 18 Mid-Power Strip Ultra White 6500K	100	2478 lm	10.74	11.04

### For further information please contact IHS

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Intelligent Horticultural Solutions is a division of Intelligent LED Solutions focusing on providing LED solutions to the rapidly evolving and highly important horticultural lighting market.