Since 2007 LED Spectra unit develops led growlights that stimulate the most important plant processes to have a plant grow and flower. After the success of the special in 2010 the special II had been developed. The special II has 3 watt led to realize a more energy saving growing result. In 2013 the special III has been developed. With the LED Spectra unit special III growers can easily adapt the LED spectrum to the plant.

EXCHANGABLE LED MODULES
The LED Spectra Unit® special III is a compact led growlight making it easy to adjust the led spectrum with led modules for the growing process and led modules for the flowering process of the plant. The led modules have been developed for various plant processes.

HIGH EFFICIENCY
The energy saving LED Spectra Unit® special III has a 40% higher light power comparing to traditional led growlights. With a lower wattage a higher efficiency can be realized. You can connect multiple units to create a powerful led spectrum.

START/ REGULAR / PROFESSIONAL
The LED Spectra Unit® special III is available as; Start, Regular and Professional. In this the special III - professional can be compared with the special II - 628.

- Plug & Play
- Low heating dissipation
- Energy saving
- Fire Save
- Long life
- 2 year warranty

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color 16</td>
<td>Multi red, multi blue, white, IR, UV</td>
<td>Special III REGULAR</td>
<td>32 Easy change spectrum modules</td>
</tr>
<tr>
<td>Wavelength</td>
<td>Multi spectra/Grow &amp; Flower</td>
<td>Power consumption</td>
<td>110 watt - 170 watt</td>
</tr>
<tr>
<td>Led beam angle</td>
<td>Multi angle 120 / 160</td>
<td>Voltage</td>
<td>230V / 110V</td>
</tr>
<tr>
<td>Lighting area</td>
<td>1.0 m2 &gt; 50m2</td>
<td>Work frequency</td>
<td>50 Hz</td>
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<tr>
<td>Height above plants</td>
<td>0.45 - 2.0 meters</td>
<td>Ventilations fans</td>
<td>2 pieces</td>
</tr>
<tr>
<td>Working environment</td>
<td>-20 ~ +40°C</td>
<td>Switch 2 pieces</td>
<td>1 Grow / 1 Flower</td>
</tr>
<tr>
<td>Lifespan</td>
<td>30,000 hours</td>
<td>Package</td>
<td>1 pcs / carton</td>
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<tr>
<td>Working environment</td>
<td>&lt; 90 %</td>
<td>Net.Weight</td>
<td>5.5 KG / pc</td>
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<tr>
<td>Size</td>
<td>482 x 242 x 82</td>
<td>Gross.Weight</td>
<td>6.3 KG / pc</td>
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<tr>
<td>CE</td>
<td>Yes</td>
<td>ECC registration nr.</td>
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<td>Warranty</td>
<td>2 years</td>
<td>Dutch Green LEDlights</td>
<td>LED Spectra Unit Special III</td>
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<table>
<thead>
<tr>
<th>LED Spectra Unit</th>
<th>Special III</th>
<th>Start</th>
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<tbody>
<tr>
<td>0.0 m</td>
<td>Lux</td>
<td>μmol</td>
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<tr>
<td>0.6 m</td>
<td>16990</td>
<td>690</td>
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<tr>
<td>0.9 m</td>
<td>10900</td>
<td>410</td>
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<tr>
<td>1.2 m</td>
<td>7550</td>
<td>330</td>
</tr>
<tr>
<td>1.5 m</td>
<td>5900</td>
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<tr>
<td>1.8 m</td>
<td>4450</td>
<td>170</td>
</tr>
<tr>
<td>2.1 m</td>
<td>3600</td>
<td>150</td>
</tr>
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</table>

**Notice:**
1. For indoor use only.
2. To avoid damage, lighting must not get wet.
3. For vision safety, do not look at the light directly when it is operationel.
4. Socket must be wired to the earth.
5. Operate your light in the well ventilated environment.
LED SPECTRA UNIT
SPECIAL III
GROW & FLOWER MODULE

GROW

Module Grow
Type 1 G
Colour Multi Blue

Module Grow
Type 1 G
Colour Multi Blue, Warm Grow White

Module Grow
Type 3 G
Colour Multi Blue, UV

Module Grow
Type 4 G
Colour 100% Ultra Violet, UV

FLOWER

Module Flower
Type 5 F
Colour Multi Red

Module Flower
Type 6 F
Colour Multi Red, Infra Red, IR

Module Flower
Type 7 F
Colour Multi Red, Warm Flower White

Module Flower
Type 8 F
Colour Multi Red, Multi Orange

Module Flower
Type 9 F
Colour Multi Orange

Module Flower
Type 10 F
Colour 100% Infra Red(IR)

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