

VOCARE SPECIALTIES

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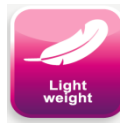
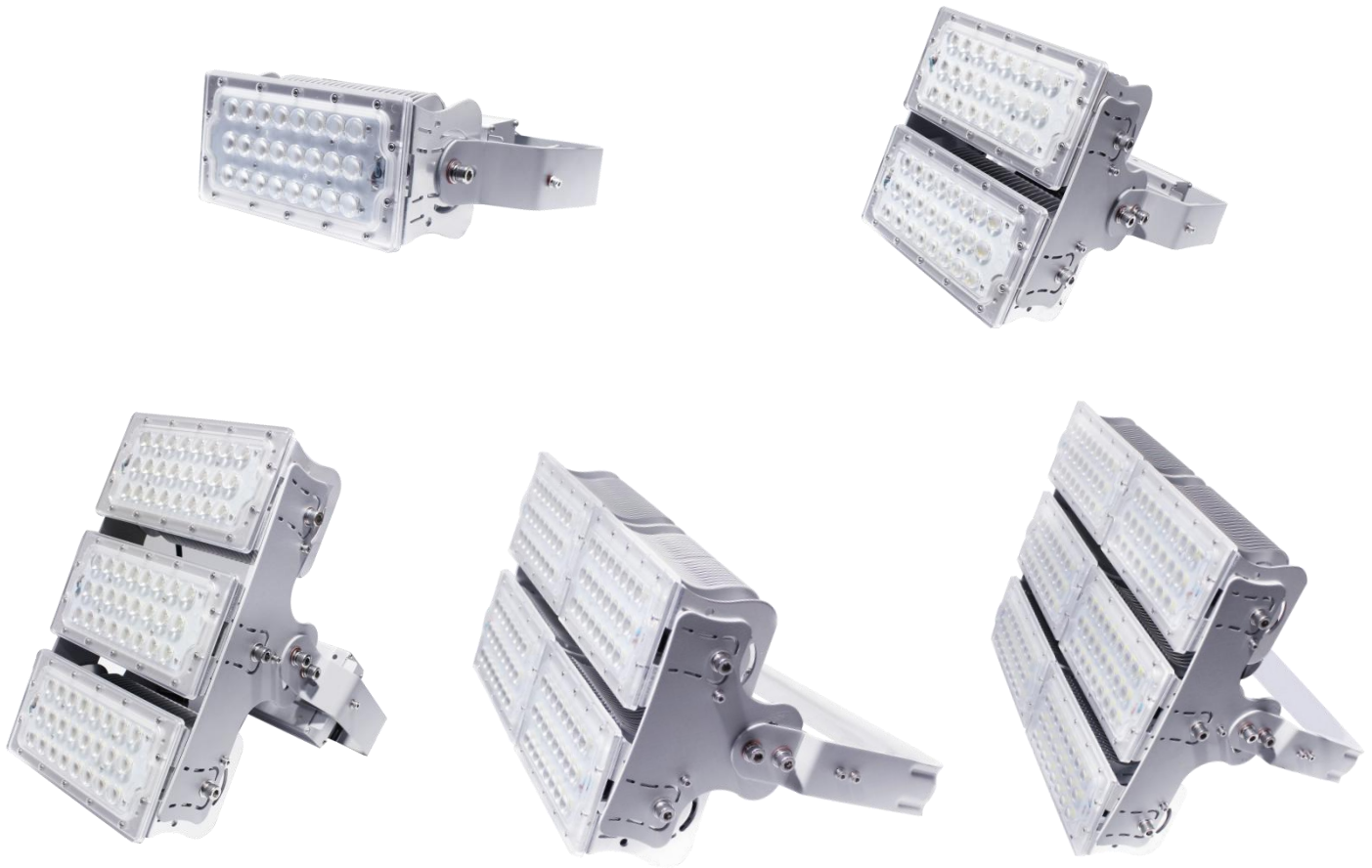
# VOCARE XLT

superpower schijnwerpers

LED sportveld hal en terrein verlichting

**Luminous Flux 140LM/W**

Partners : **PHILIPS** LUMILEDS & **MW** MEAN WELL



ISO 9001:2008

## VOCARE SPECIALTIES

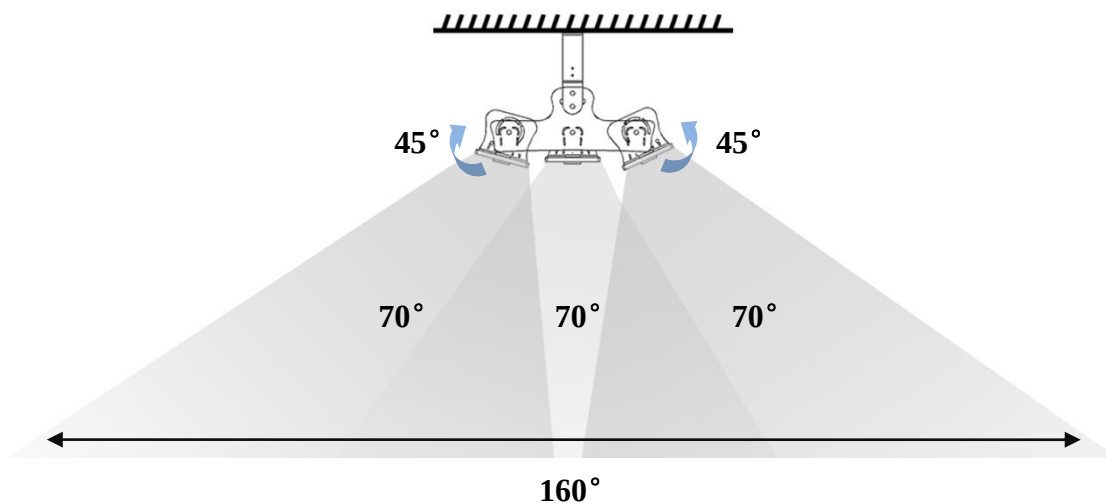
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|                        |                      |                      |                   |                           |
|------------------------|----------------------|----------------------|-------------------|---------------------------|
| Electrische Parameters | Input Voltage        | AC90-277V<br>50/60HZ | Power Factor      | > 0.95                    |
|                        | LED Type             | PHILIPS<br>LUMILEDS  | LED Initial Flux  | Bruto<br>170-180LM/W      |
|                        |                      |                      | Lamp Initial Flux | Netto<br>140LM/W $\pm$ 5% |
|                        | Verwachte levensduur | ➤ 50000<br>uur       | CCT               | 2700-6500K                |
|                        | Power Efficiency     | ➤ 90%                | Beam Angel        | 70/120°                   |
|                        | IP Graad             | IP65                 | Werk temperatuur  | -40C +60°C                |
| Model                  | LED Power            | LED aantal           | Maat (mm)         | Gewicht (kg)              |
| VOCARE<br>XLT-100W     | 100W                 | 216                  | 226*183*102       | 2.8 $\pm$ 5%              |
| VOCARE<br>XLT-200W     | 200W                 | 432                  | 230*242*194       | 4.1 $\pm$ 5%              |
| VOCARE<br>XLT-300W     | 300W                 | 648                  | 340*242*194       | 5.6 $\pm$ 5%              |
| VOCARE<br>XLT-400W     | 400W                 | 864                  | 422*243*221       | 7.6 $\pm$ 5%              |
| VOCARE<br>XLT-600W     | 600W                 | 1296                 | 422*243*336       | 10.5 $\pm$ 5%             |

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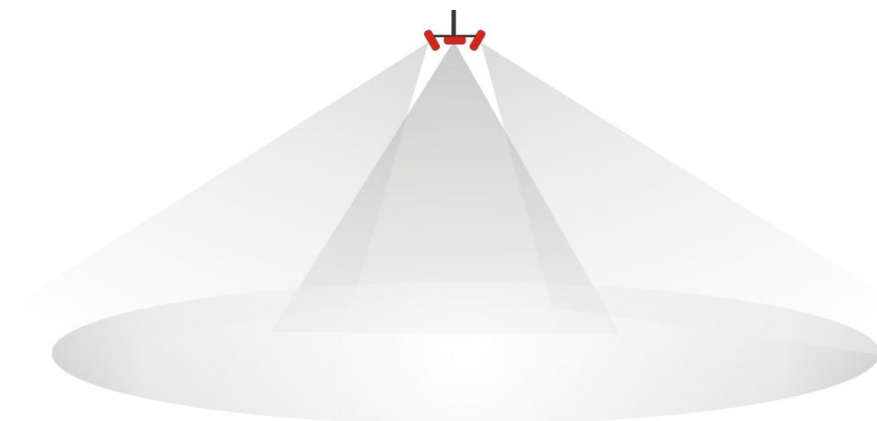
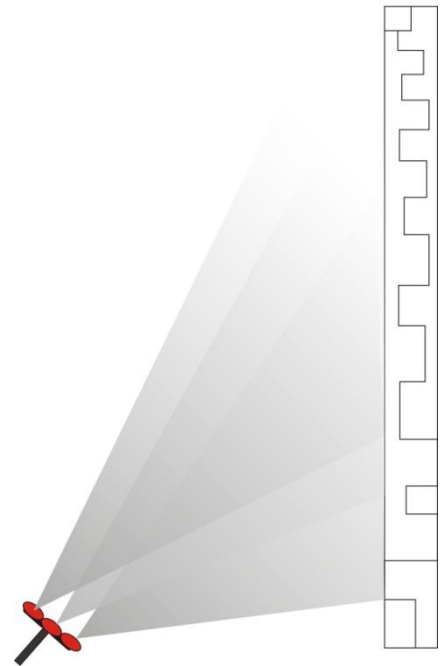
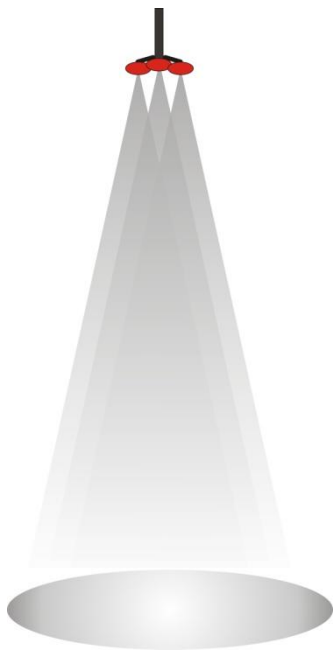
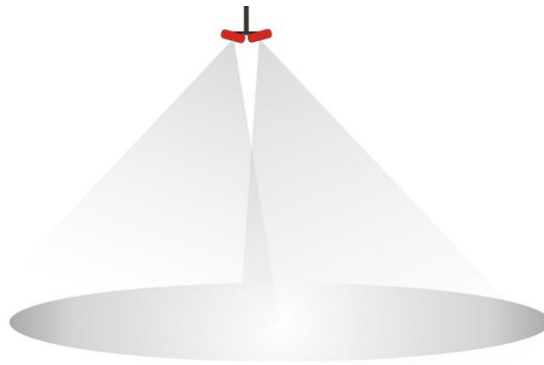
## Verschillend Installatie mogelijkheden



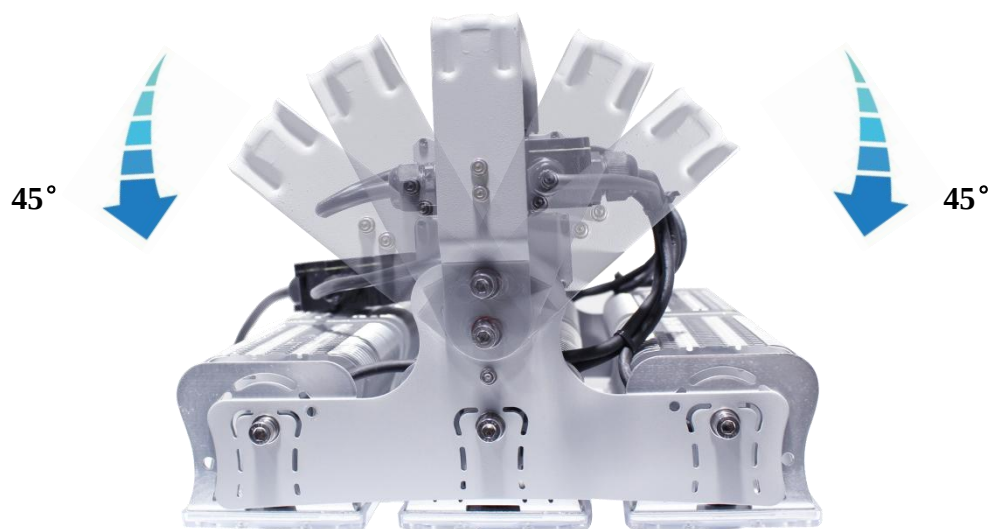
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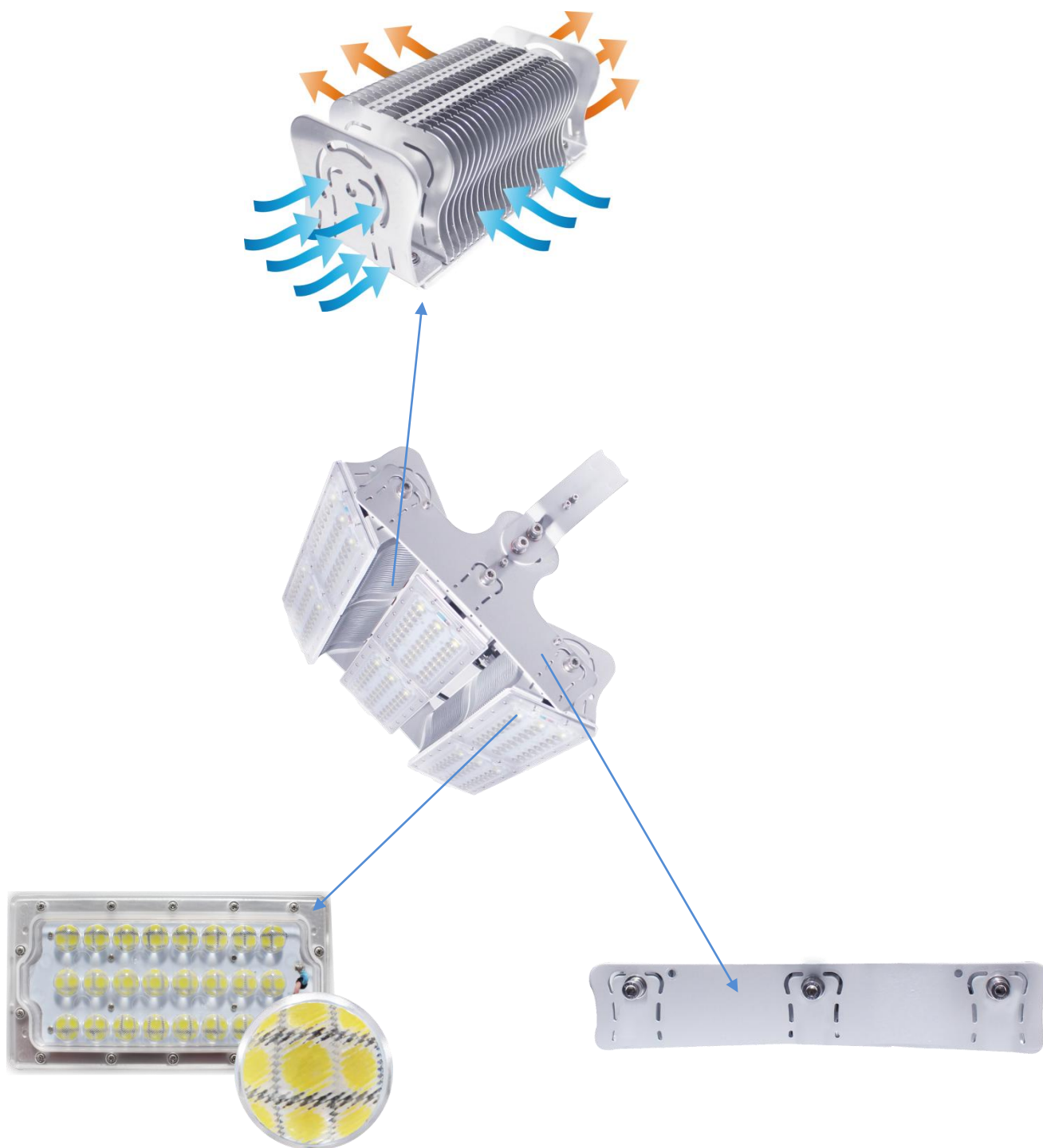
## Verschillende lichthoeken



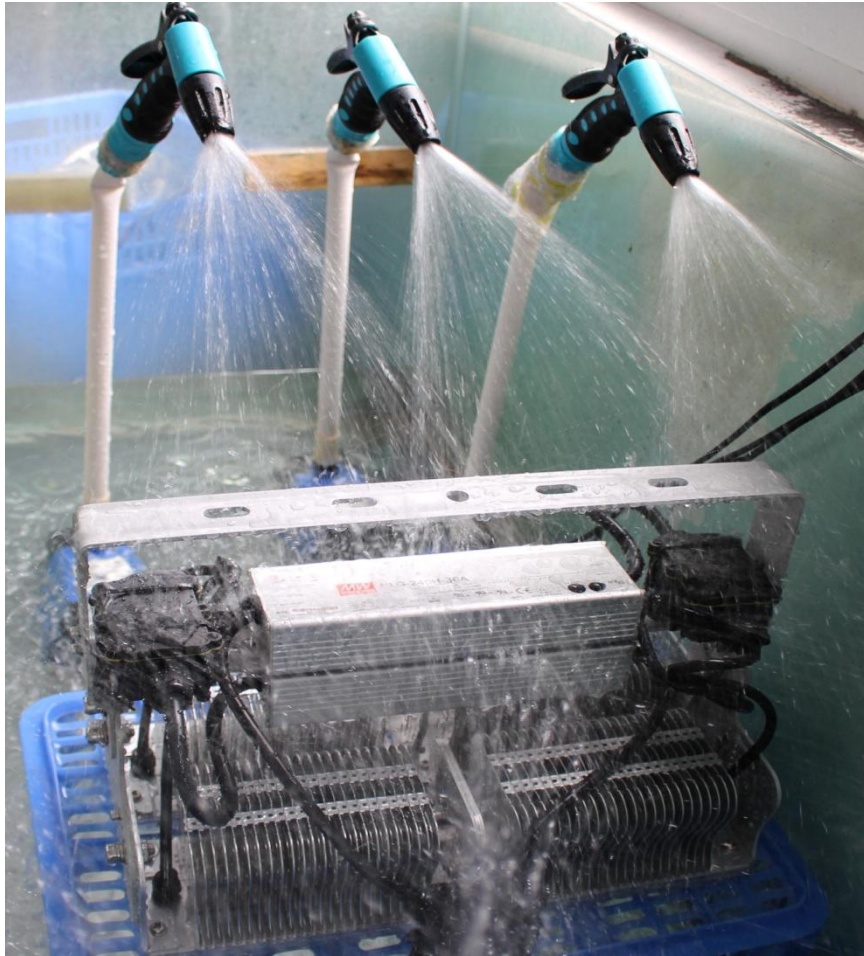
## Verschillende Installatie standen



## Technische details



## Waterproof test

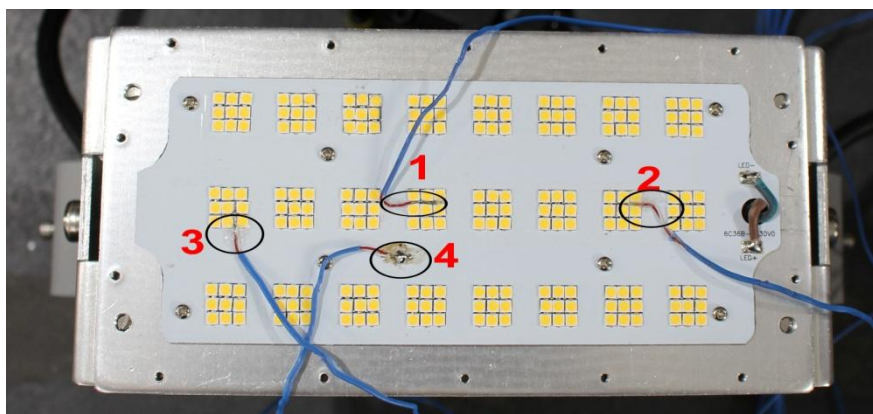


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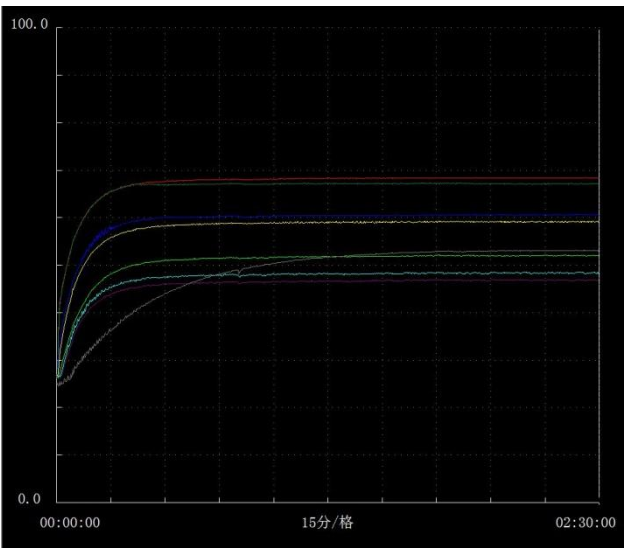
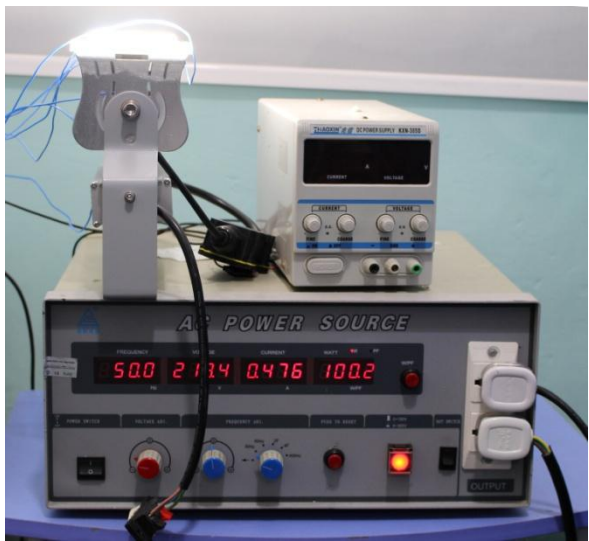
## Temperatuur Test



## Temperatuur koel test:



# VOCARE SPECIALTIES



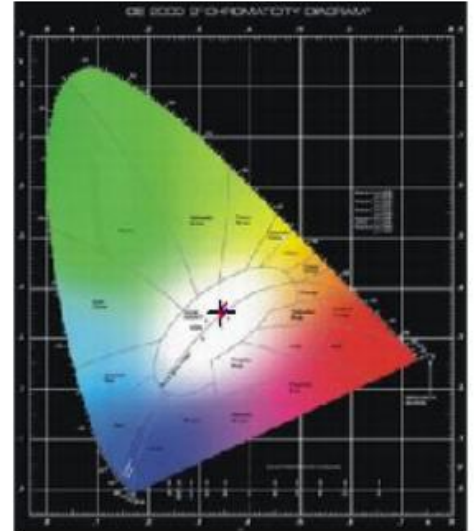
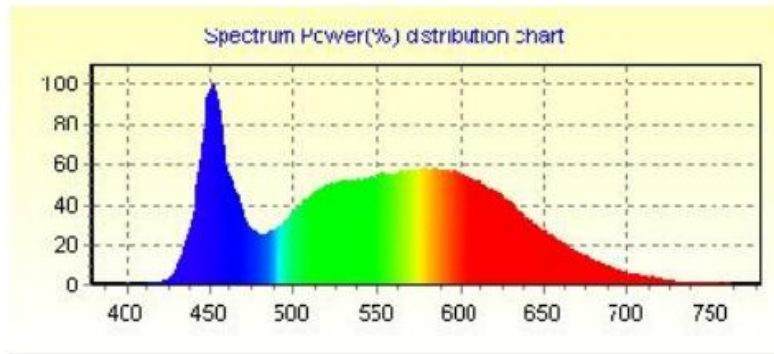
**Na 2 uur belichten op volle sterkte in C°**

|         | 00:00:00 | 00:30:00 | 01:00:00 | 01:30:00 | 02:00:00 | 02:30:00 |
|---------|----------|----------|----------|----------|----------|----------|
| CH1 LED | 26       | 67.8     | 68.2     | 68.3     | 68.3     | 68.3     |
| CH2 LED | 26       | 67.1     | 67.2     | 67.3     | 67.3     | 67.3     |
| CH3 LED | 26       | 60.1     | 60.4     | 60.5     | 60.5     | 60.5     |
| CH4 LED | 26       | 58.4     | 58.9     | 59.1     | 59.1     | 59.1     |

# VOCARE SPECIALTIES

## System rapport VOCARE XLT-200W module (4000-4500K)

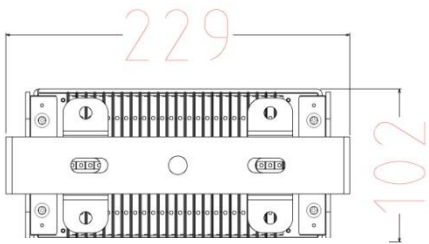
curve of spectrum power distributing



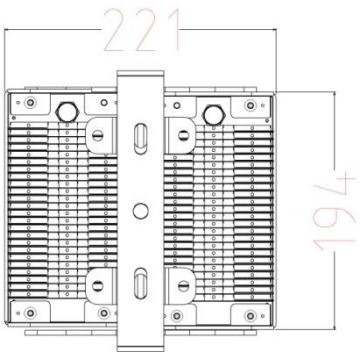
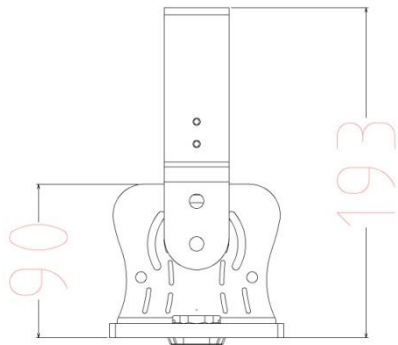
| Spectrum              |                | Electrical  |              |          |  |
|-----------------------|----------------|-------------|--------------|----------|--|
| $\lambda$ (Peak):     | 452.0 nm       | I(test):    | 942.000 mA   |          |  |
| $\lambda$ (Main):     | 567.0 nm       | Vf:         | 218.600 V    |          |  |
| $\lambda$ (Centroid): | 442.7 nm       | $\phi_v$ :  | 27809.595 lm |          |  |
| $\lambda$ (Center):   | 443.0 nm       | Efficiency: | 138.494 lm/w |          |  |
| BandWidth:            | 22.0 nm        | P:          | 200.8 W      |          |  |
| ColorTemp:            | 5141 K         | PFC:        | 0.974        |          |  |
| CIE(x, y):            | 0.3418, 0.3562 | R1:82.1     | R2:89.1      | R3:93.4  |  |
| CIE(u, v):            | 0.2074, 0.3243 | R4:82.5     | R5:82.1      | R6:84.9  |  |
| Ra:                   | 83.7           | R7:87.7     | R8:68.1      | R9:8.6   |  |
| Purity:               | 0.094          | R10:73.7    | R11:84.4     | R12:58.1 |  |
| Light Power:          | 100968.6248 mw | R13:83.9    | R14:96.6     | R15:76.6 |  |

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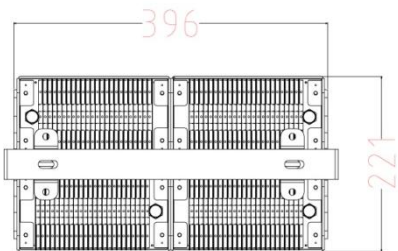
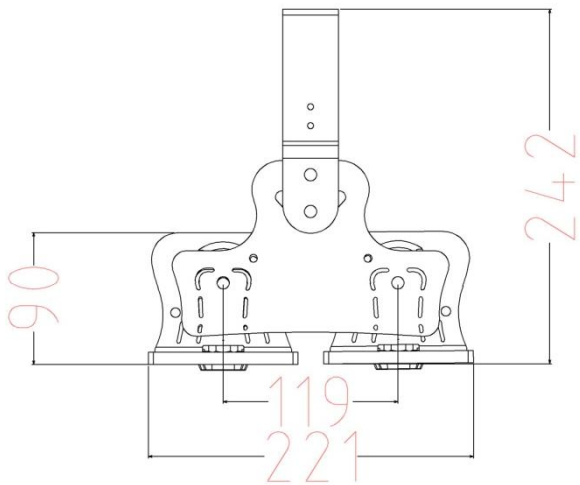
Maatvoering :



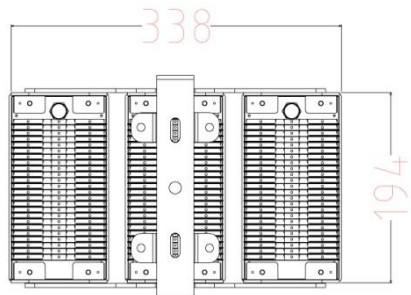
100W



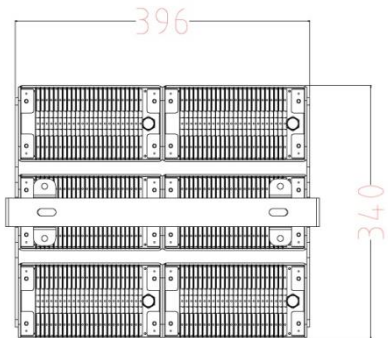
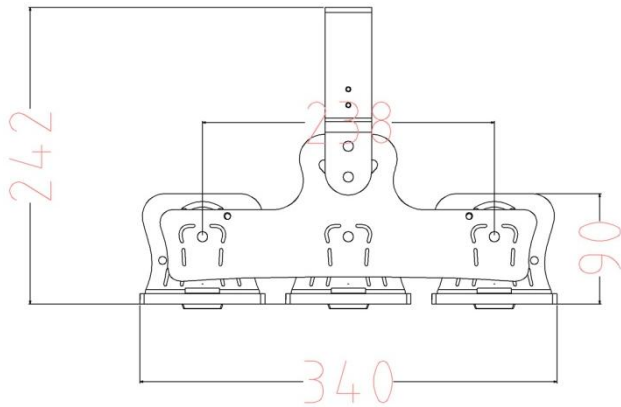
200W



400W



300W



600W