

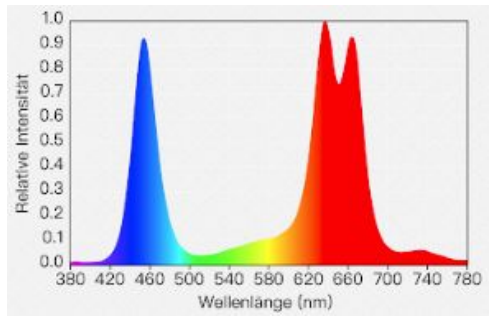
Mars Hydro 480w Reflector

MESSERGEBNIS

Test Spezifikation

| | |
|--------------|-------------------------------|
| Datum | 03.07.2018 |
| LED Modell | Mars Hydro 480w |
| Leuchtmittel | Epistar 5w LED |
| Testfläche | 75 x 45 cm |
| Testumgebung | UndrCovrLab S |

Vollspektrum Modus



PAR Intensität Mars Hydro 480w Reflector

Abstand 30 cm

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| 530 | 682 | 758 | 754 | 716 | 548 |
| 663 | 898 | 989 | 987 | 920 | 701 |
| 665 | 889 | 985 | 985 | 928 | 708 |
| 539 | 682 | 716 | 750 | 758 | 595 |

0.75M x 0.45M

Abstand 45 cm

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| 424 | 515 | 558 | 553 | 511 | 436 |
| 465 | 566 | 610 | 614 | 571 | 477 |
| 461 | 547 | 601 | 606 | 564 | 478 |
| 411 | 495 | 534 | 542 | 535 | 468 |

0.75M x 0.45M

| Intensität | umols/m ² /s | |
|-------------|-------------------------|------|
| Too high | 1000 | 1500 |
| High growth | 750 | 1000 |
| Med. growth | 500 | 750 |
| Low growth | 250 | 500 |
| No growth | 0 | 250 |



Testaufbau

- Mars Hydro 480w
- UndrCovrLab S - 74x45cm

Messinstrumente

- Apogee MQ-500
- AsenseTek Lighting Navigator

Moduleffizienz Abstand 30cm

ØPPFD auf 0,34m² **764** μmols/m²/sec

PPFD Gesamt **258** μmols/m²/sec

Modul Effizienz **1,36** μmol/watt