

SPECTRUM TEST REPORT

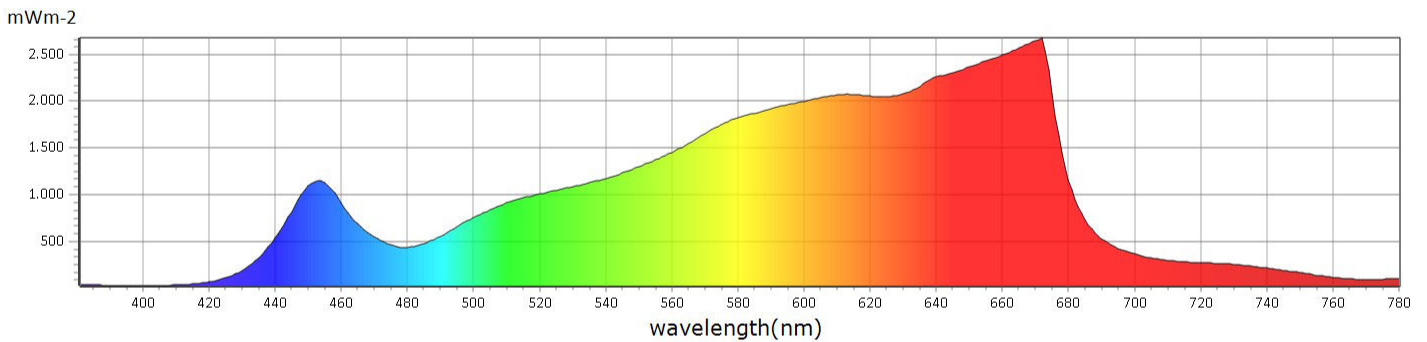
Information

| | |
|----------------------------|------------------------|
| User : MYGROW 500 30 CM | Measure Time :11:23:08 |
| Model NO. : MK350NPLUS | Light Source : |
| Memo : MYGROW 500 30 CM | |

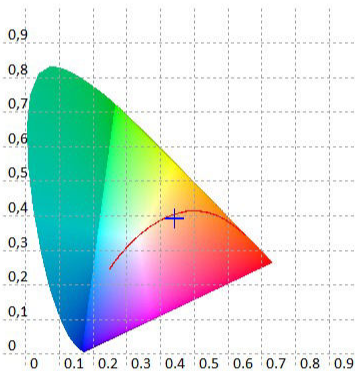
BASIC

| | |
|------|-------------------|
| CCT | : 2840 K |
| CRI | : 93,4 |
| PPFD | : 1839 umolm-2s-1 |
| PFD | : 1942 umolm-2s-1 |
| LUX | : 108079 lx |

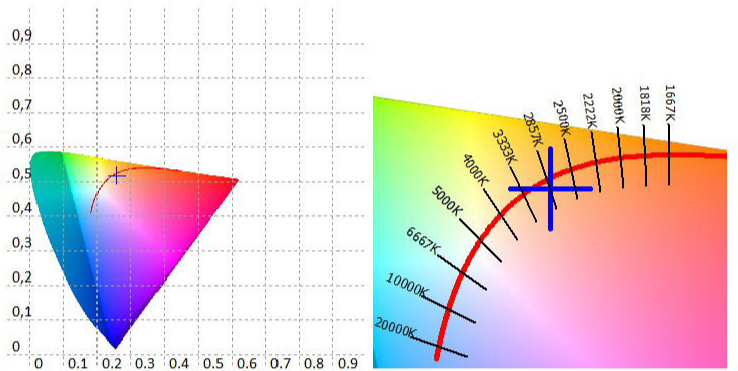
Spectrum



CIE1931



CIE1976



Features

| | | | | | | | |
|-----------------|---------------|--------------------|------------------|---------------------------|-------------|-----------|------------|
| CCT : 2840 K | x10 : 0,4452 | delta-x : -0,0077 | LambdaD : 585 nm | PPFD : 1839 umolm-2s-1 | S/P : 1,37 | R3 : 97,6 | R10 : 93,4 |
| LUX : 108079 lx | y10 : 0,3905 | delta-y : -0,0147 | LambdaP : 671 nm | PFD : 1942 umolm-2s-1 | IRR : 391,0 | R4 : 91,8 | R11 : 92,6 |
| I-Time : 6 ms | u'10 : 0,2620 | delta-u' : 0,0015 | Purity : 50,56% | PFD-B : 187,2 umolm-2s-1 | CQS : 89,5 | R5 : 93,8 | R12 : 87,5 |
| x : 0,4411 | v'10 : 0,5172 | delta-v' : -0,0070 | fc : 10045 | PFD-G : 645,2 umolm-2s-1 | CRI : 93,4 | R6 : 95,2 | R13 : 94,2 |
| y : 0,3931 | X : | Duv : -0,0049 | Rf : 90,2 | PFD-R : 1007 umolm-2s-1 | TLCI : 92,8 | R7 : 92,3 | R14 : 99,2 |
| u' : 0,2581 | Y : | MEL : 57263 lx | Rg : 102,5 | PFD-UV : 2,168 umolm-2s-1 | R1 : 93,3 | R8 : 86,7 | R15 : 92,4 |
| v' : 0,5176 | Z : 45597,20 | LambdaPV : 2677 | GAI : 61,4 | PFD-FR : 100,0 umolm-2s-1 | R2 : 96,9 | R9 : 74,2 | |

Company:

Address:

Postcode/town:

test loaction:

Date :2021/02/27

phone number

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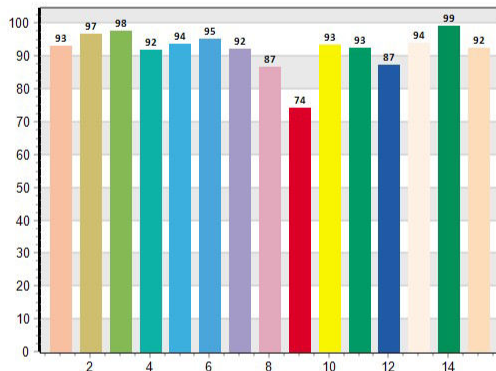
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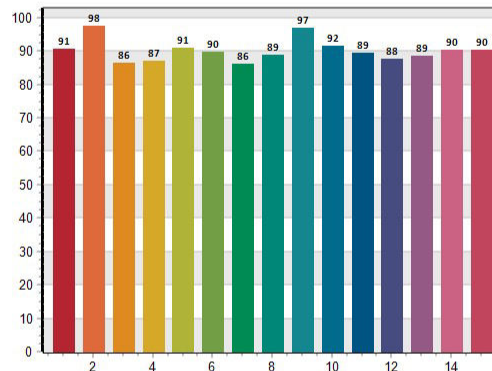
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| PFD | : 1942 umolm-2s-1 |
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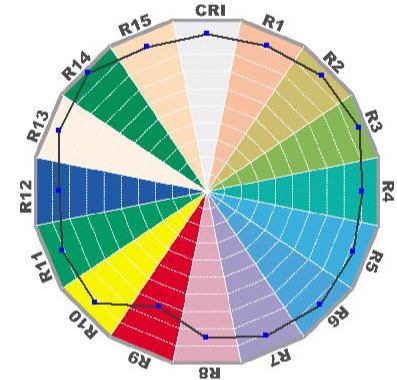
CRI: 93,44



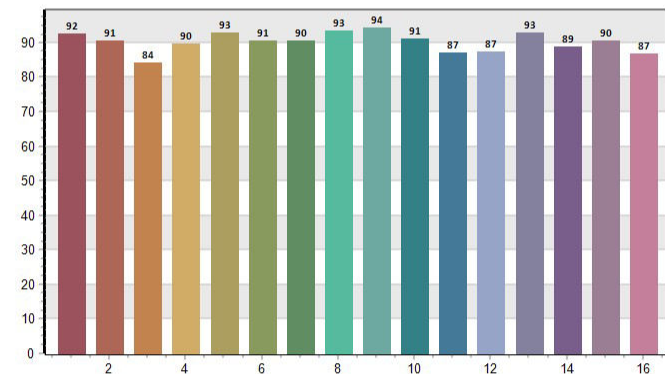
CQS: 89,55



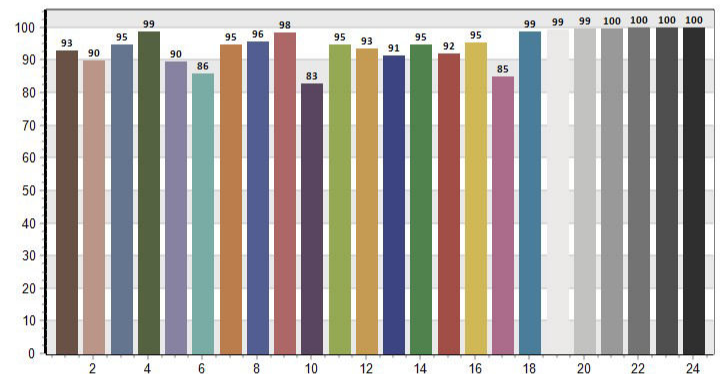
CRI-2



TM30: 90,22



TLCI: 92,76



CRI values, only R1-R8 are used to calculate final CRI

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 93,3 | 96,9 | 97,6 | 91,8 | 93,8 | 95,2 | 92,3 | 86,7 | 74,2 | 93,4 | 92,6 | 87,5 | 94,2 | 99,2 | 92,4 |

TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 92,4 | 90,6 | 84,1 | 89,7 | 92,7 | 90,6 | 90,4 | 93,4 | 94,3 | 91,2 | 87,0 | 87,4 | 92,9 | 88,9 | 90,4 | 86,9 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90,8 | 97,5 | 86,4 | 87,0 | 90,9 | 89,7 | 86,3 | 88,9 | 97,0 | 91,6 | 89,4 | 87,7 | 88,6 | 90,5 | 90,4 |

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