Light efficiency:

54 Lumen/Watt

Light quality:

CRI: 97,6

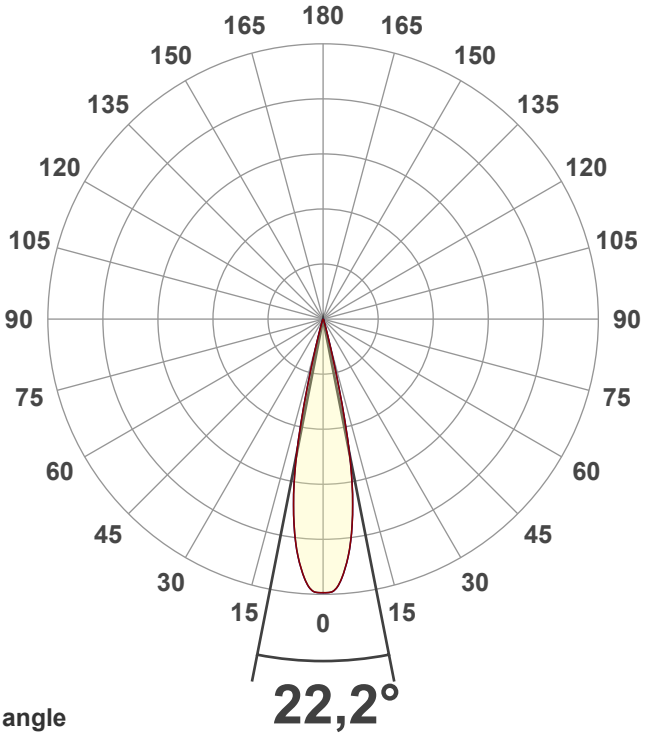
Color temperature:

4000 K

**Output: 7650 lm**
**Peak: 60666 cd**

**Power: 141,1 W**
**PF: 0,97**

18 PLANES




Beam angle

No photo

Product name:
**MT-150 Pos1 4000 K**

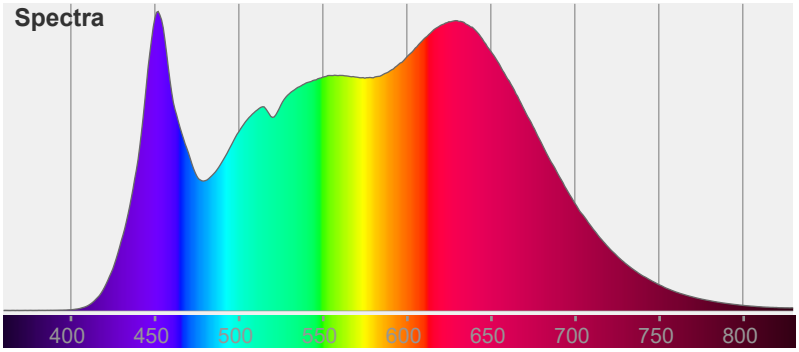
Date and time:
**22-05-2026 15:13:14**

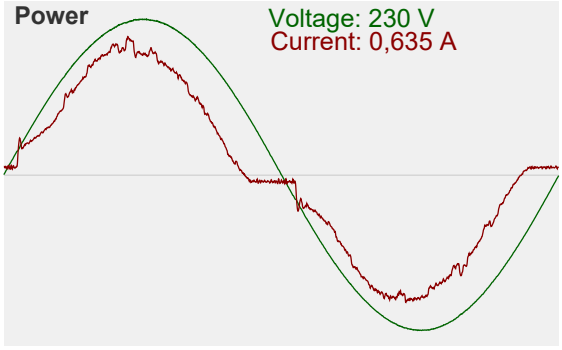
Item number:
**MT-150 28/42 50300001-A**

Operator:
**AB**

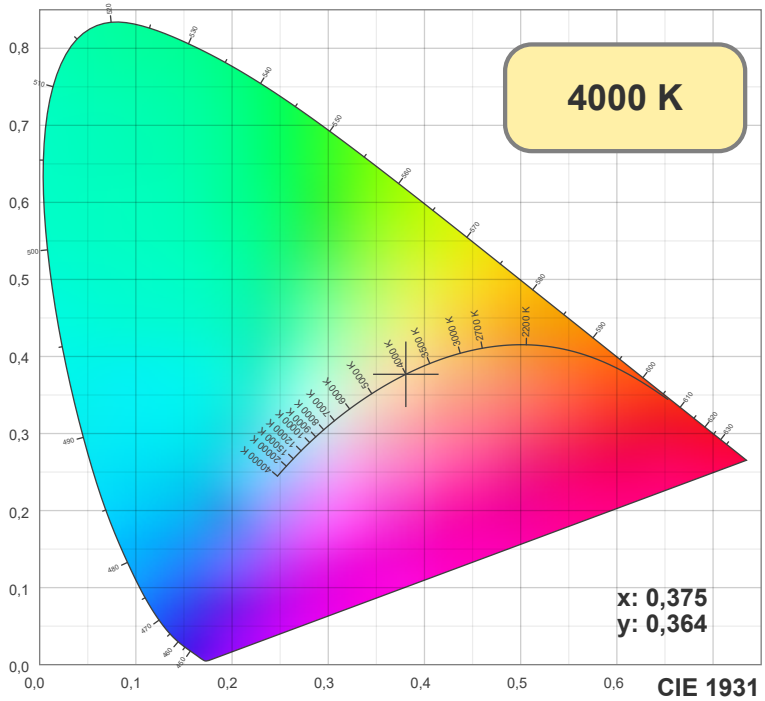
Color

CIE1931
x: 0,375
y: 0,364

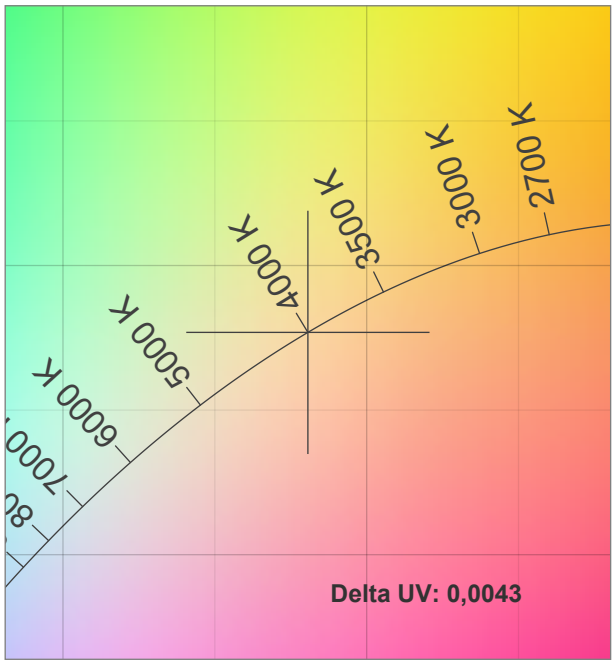


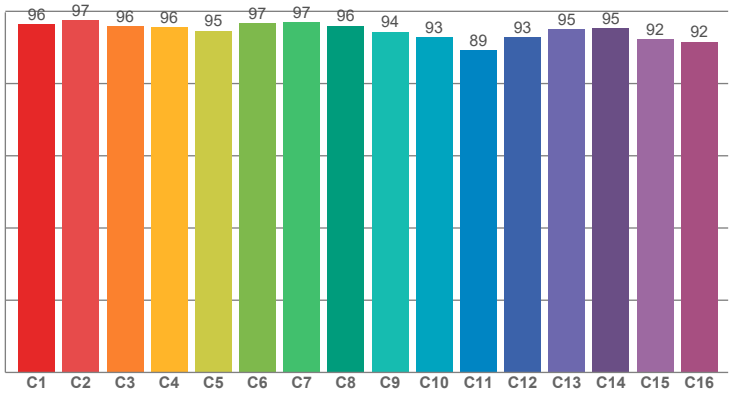

Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com

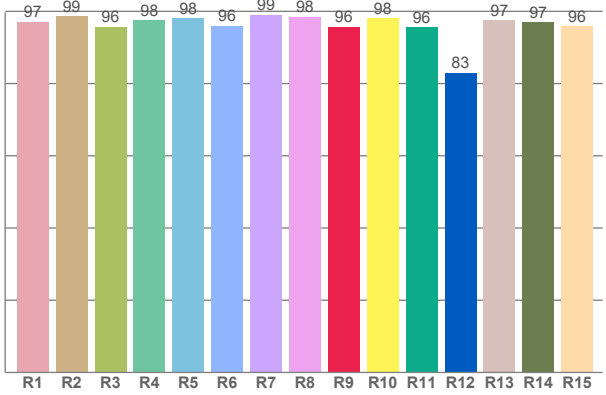



CIE 1931




CIE 1931 ZOOM




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

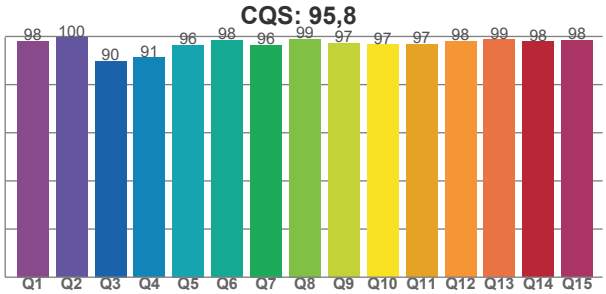
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97,07 | 98,59 | 95,73 | 97,61 | 98,05 | 95,96 | 99,01 | 98,45 | 95,68 | 98,12 | 95,55 | 83,01 | 97,47 | 96,89 | 95,89 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96,45 | 97,50 | 95,95 | 95,63 | 94,62 | 96,65 | 97,03 | 96,05 | 94,39 | 92,77 | 89,20 | 92,76 | 95,03 | 95,33 | 92,21 | 91,53 |

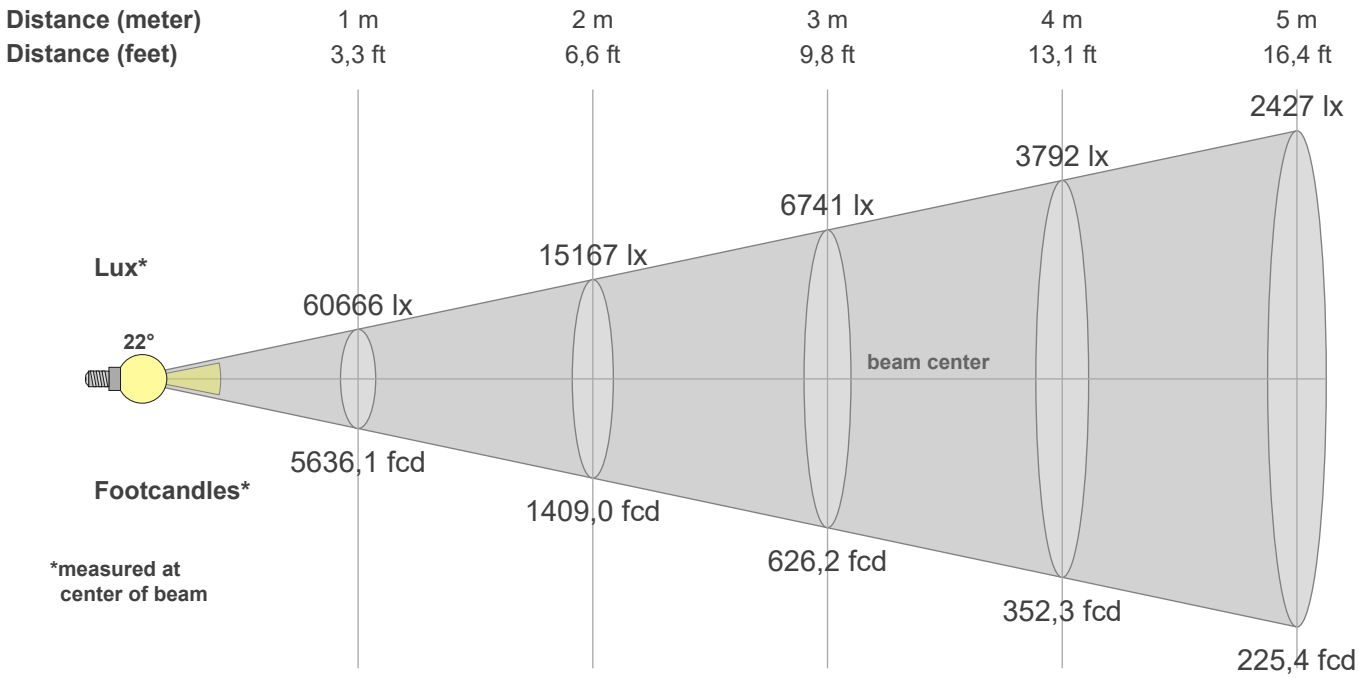
**CQS Q values**

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98,08 | 99,51 | 89,88 | 91,19 | 96,45 | 98,30 | 96,39 | 98,93 | 97,12 | 96,56 | 96,71 | 97,89 | 98,64 | 97,84 | 98,29 |




## Color parameters

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Duv |
|---|---|---|---|---|---|---|---|---|---|---|
| 4000 K | 97,6 | 95,7 | 94,5 | 102,1 | 95,8 | 0,4 | 0,4 | 0,2 | 0,3 | -0,0043 |




### Intensities in 0° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60,7K | 60,7K | 60,4K | 59,5K | 57,8K | 55,6K | 53,0K | 49,9K | 46,2K | 41,9K | 37,0K | 31,0K | 23,7K | 15,8K | 9,3K | 5,4K | 3,2K | 2,1K | 1,4K | 1,0K |
| 100% | 100% | 100% | 98% | 95% | 92% | 87% | 82% | 76% | 69% | 61% | 51% | 39% | 26% | 15% | 9% | 5% | 3% | 2% | 2% |

### Intensities in 90° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60,7K | 60,7K | 60,4K | 59,5K | 57,8K | 55,6K | 53,0K | 49,9K | 46,2K | 41,9K | 37,0K | 31,0K | 23,7K | 15,8K | 9,3K | 5,4K | 3,2K | 2,1K | 1,4K | 1,0K |
| 100% | 100% | 100% | 98% | 95% | 92% | 87% | 82% | 76% | 69% | 61% | 51% | 39% | 26% | 15% | 9% | 5% | 3% | 2% | 2% |

### Intensities in 180° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60,7K | 60,7K | 60,4K | 59,5K | 57,8K | 55,6K | 53,0K | 49,9K | 46,2K | 41,9K | 37,0K | 31,0K | 23,7K | 15,8K | 9,3K | 5,4K | 3,2K | 2,1K | 1,4K | 1,0K |
| 100% | 100% | 100% | 98% | 95% | 92% | 87% | 82% | 76% | 69% | 61% | 51% | 39% | 26% | 15% | 9% | 5% | 3% | 2% | 2% |

### Intensities in 270° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60,7K | 60,7K | 60,4K | 59,5K | 57,8K | 55,6K | 53,0K | 49,9K | 46,2K | 41,9K | 37,0K | 31,0K | 23,7K | 15,8K | 9,3K | 5,4K | 3,2K | 2,1K | 1,4K | 1,0K |
| 100% | 100% | 100% | 98% | 95% | 92% | 87% | 82% | 76% | 69% | 61% | 51% | 39% | 26% | 15% | 9% | 5% | 3% | 2% | 2% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|---|---|---|---|---|
| 22,2° | 29,6° | 35,6° | 99,8% | 99,2% |