

Light efficiency:

67 Lumen/Watt

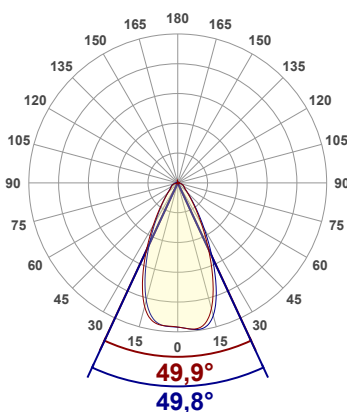
Light quality:

CRI: 94,4

Color temperature:

3006 K

Output: 222 Lumen



Product name:

FOUR CLOVER-3000K-300mA-44

Date and time:

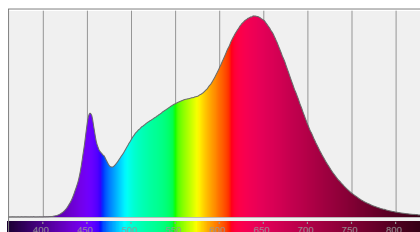
09/04/2024 10:59:11

Power consumption:

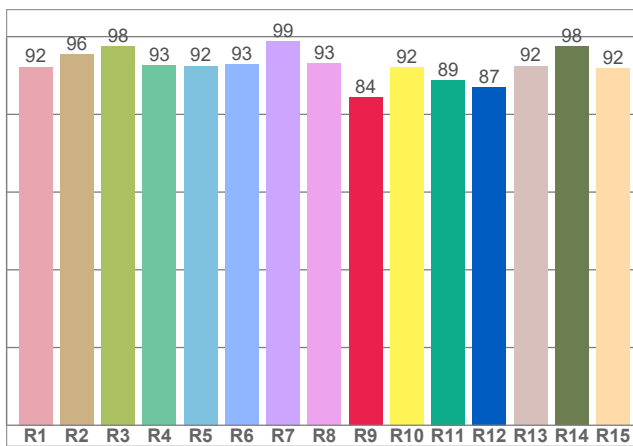
| Power           | Power factor |
|-----------------|--------------|
| 3,3 W           | 1,0          |
| Voltage ( Vcc ) | Current      |
| 11,2 V          | 0,299 A      |

TM-30 details

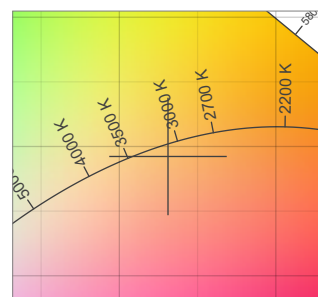
|                              |                            |
|------------------------------|----------------------------|
| Rf 94,9<br>Fidelity index Rf | Rg 103,6<br>Gamut index Rg |
|------------------------------|----------------------------|



Spectral distribution



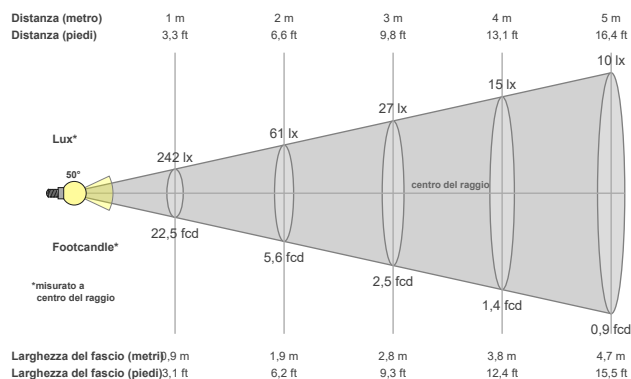
CRI R values



White color point

| Color temperature | Color rendering index | Red component | Color fidelity | Color gamut | Color quality scale | Color coordinate cie 1931 | Color coordinate cie 1931 | Color coordinate | Color coordinate | Color deviation from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| CCT               | CRI                   | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | x                         | y                         | u                | v                | Δuv                             |
| 3006 K            | 94,4                  | 84,4          | 94,9           | 103,6       | 95,9                | 0,431                     | 0,392                     | 0,252            | 0,344            | -0,0040                         |

Beam details



Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 50,4°          | 89,4°           | 144,4°            |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 250 cd         | 92,9%                   | 83,5%                  |

Beam intensities from 1-20m

| 1m      | 2m     | 3m     | 4m     | 5m     | 6m     | 7m     | 8m     | 9m     | 10m    | 11m    | 12m    | 13m    | 14m    | 15m    | 16m    | 17m    | 18m    | 19m    | 20m    |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3,3ft   | 6,6ft  | 9,8ft  | 13,1ft | 16,4ft | 19,7ft | 23ft   | 26,2ft | 29,5ft | 32,8ft | 36,1ft | 39,4ft | 42,7ft | 45,9ft | 49,2ft | 52,5ft | 55,8ft | 59,1ft | 62,3ft | 65,6ft |
| 242lx   | 61lx   | 27lx   | 15lx   | 10lx   | 7lx    | 5lx    | 4lx    | 3lx    | 2lx    | 2lx    | 2lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    |
| 22,5fcd | 5,6fcd | 2,5fcd | 1,4fcd | 0,9fcd | 0,6fcd | 0,5fcd | 0,4fcd | 0,3fcd | 0,2fcd | 0,2fcd | 0,2fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd |