

Light efficiency:

71 Lumen/Watt

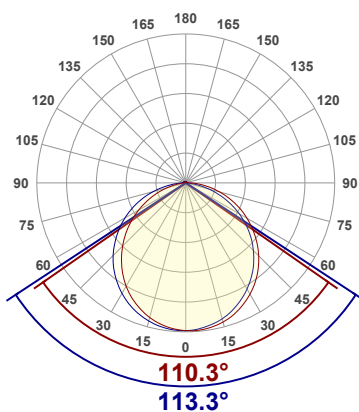
Light quality:

CRI: 92.5

Color temperature:

3070 K

Output: 513 Lumen



Product name:

TOOL-M SIDE BEND FREE  
CUT-140-3000K-14,4Wm-  
500mm

Date and time:

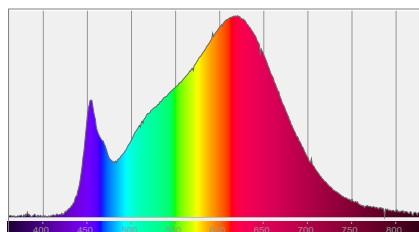
23/03/2026 10:23:56

Power consumption:

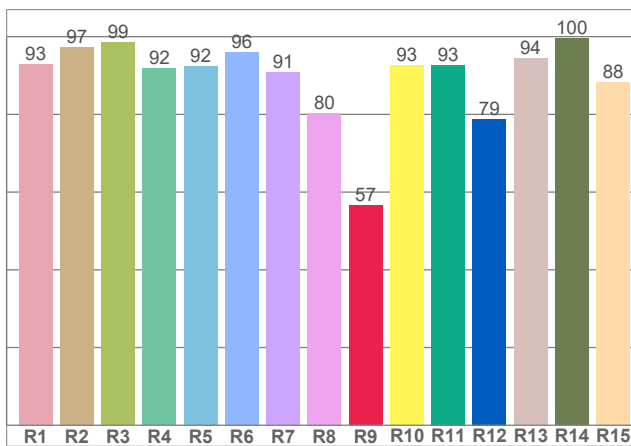
| Power           | Power factor |
|-----------------|--------------|
| 7.2 W           | 1.0          |
| Voltage ( Vcc ) | Current      |
| 24.0 V          | 0.302 A      |

TM-30 details

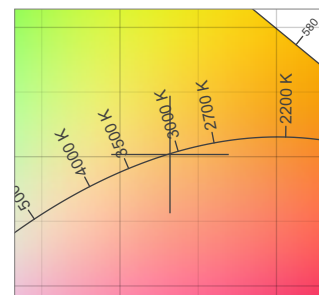
|                                 |                              |
|---------------------------------|------------------------------|
| Rf 90.4<br>Fidelity<br>index Rf | Rg 97.5<br>Gamut<br>index Rg |
|---------------------------------|------------------------------|



Spectral distribution



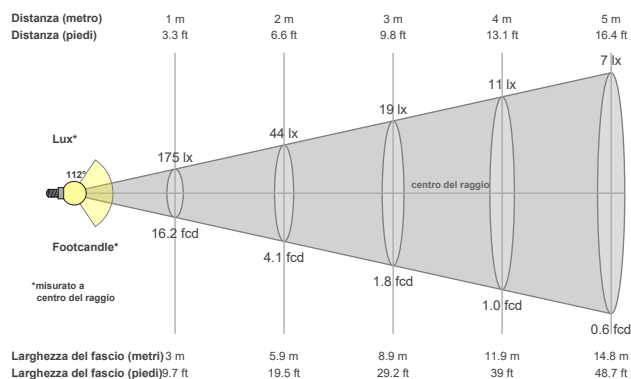
CRI R values



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                             |
| 3070 K            | 92.5                  | 56.6          | 90.4           | 97.5        | 90.5                | 0.432                     | 0.402                     | 0.248            | 0.346            | -0.0003                         |

Beam details



Beam angles

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 112.1°         | 162.4°          | 179.2°            |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 175 cd         | 76.3%                   | 52.0%                  |

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 |
| 175lx   | 44lx   | 19lx   | 11lx   | 7lx    | 5lx    | 4lx    | 3lx    | 2lx    | 2lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 0lx    | 0lx    |
| 16.2fcd | 4.1fcd | 1.8fcd | 1fcd   | 0.6fcd | 0.5fcd | 0.3fcd | 0.3fcd | 0.2fcd | 0.2fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0fcd   | 0fcd   |