

Light efficiency:

82 Lumen/Watt

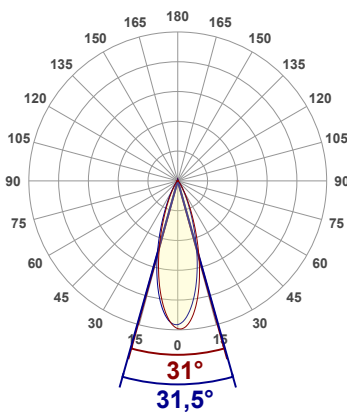
Light quality:

CRI: 96,8

Color temperature:

3034 K

Output: 779 Lumen



Product name:

HIDA P5-3000K-25

Date and time:

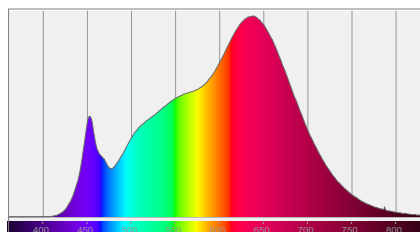
19/04/2024 15:59:55

Power consumption:

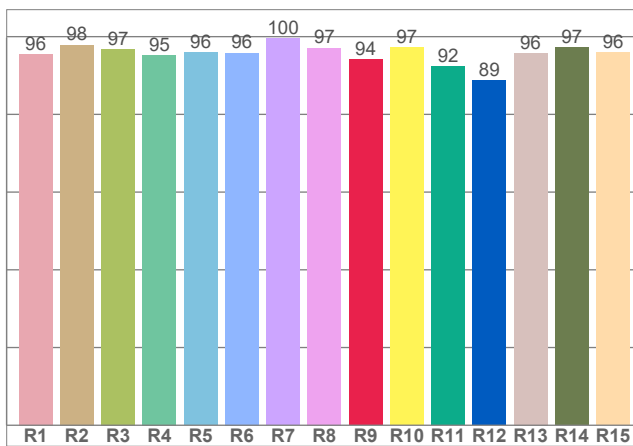
| Power | Power factor |
|-----------------|--------------|
| 9,5 W | 1,0 |
| Voltage (Vcc) | Current |
| 24,0 V | 0,395 A |

TM-30 details

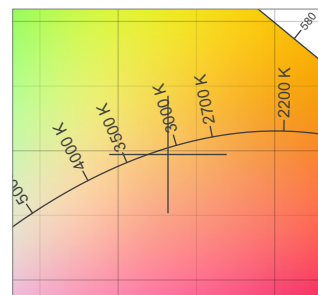
| | |
|------------------------------|----------------------------|
| Rf 95,6 Fidelity index Rf | Rg 102,4 Gamut index Rg |
|------------------------------|----------------------------|



Spectral distribution



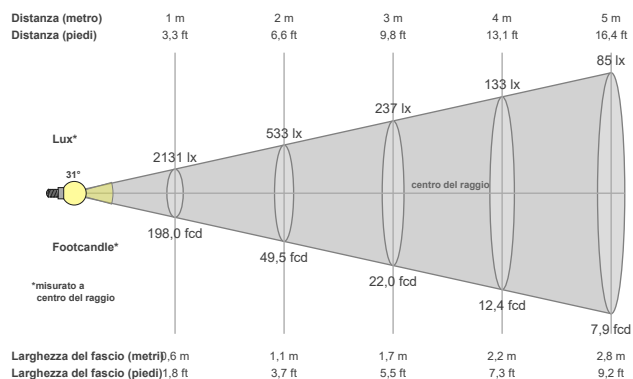
CRI R values



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 |
| 3034 K | 96,8 | 94,1 | 95,6 | 102,4 | 96,3 | 0,432 | 0,397 | 0,250 | 0,345 | -0,0021 |

Beam details



Beam angles

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 31,3° | 57,8° | 79,3° |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 2178 cd | 97,4% | 94,3% |

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 |
| 2131lx | 533lx | 237lx | 133lx | 85lx | 59lx | 43lx | 33lx | 26lx | 21lx | 18lx | 15lx | 13lx | 11lx | 9lx | 8lx | 7lx | 7lx | 6lx | 5lx |
| 198fcd | 49,5fcd | 22fcd | 12,4fcd | 7,9fcd | 5,5fcd | 4fcd | 3,1fcd | 2,4fcd | 2fcd | 1,6fcd | 1,4fcd | 1,2fcd | 1fcd | 0,9fcd | 0,8fcd | 0,7fcd | 0,6fcd | 0,5fcd | 0,5fcd |