

## Light efficiency:

n/a Lumen/Watt

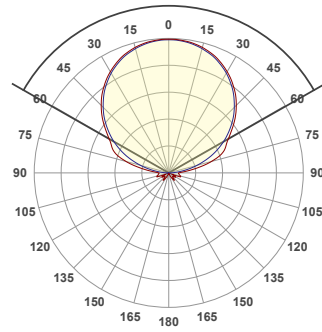
## Light quality:

CRI: 97.8

## Color temperature:

2628 K

120.7°



## Product name:

OP-01-12MM-W-200LM-24V-2700K-IN

## Item number:

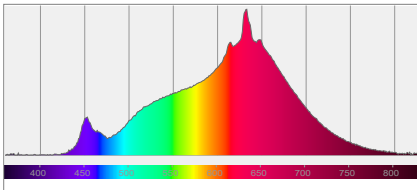
OP-01-12MM-W-200LM-24V-2700K-IN

## Date and time:

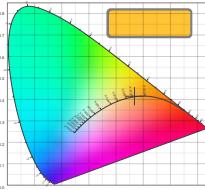
8/16/2023 1:15:19 PM

Output: 196 Lumen Power consumption: -

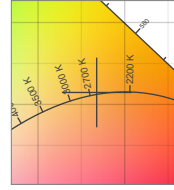
## Spectral distribution



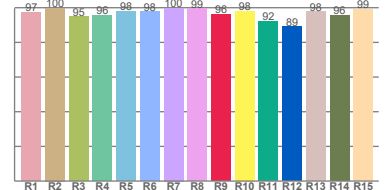
## Color coordinates



## White color point

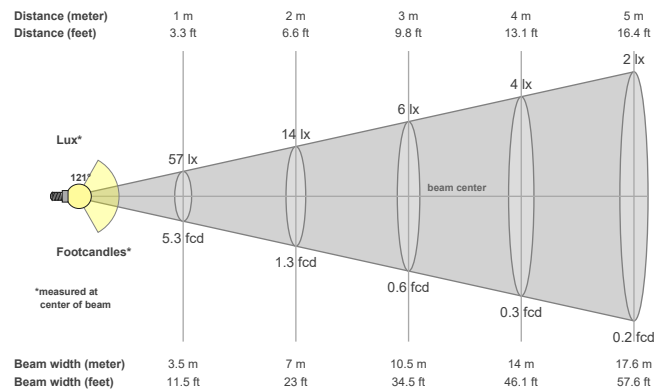


## CRI R values



| 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 division from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|--------------------------------|
| CCT               | CRI                   | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | x                         | y                         | u                | v                | Δuv                            |
| 2628 K            | 97.8                  | 96.2          | 95.2           | 101.2       | 94.7                | 0.468                     | 0.415                     | 0.266            | 0.353            | 0.0009                         |

## Beam details



## Beam angles

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 120.7°         | 171°            | 269.7°            |

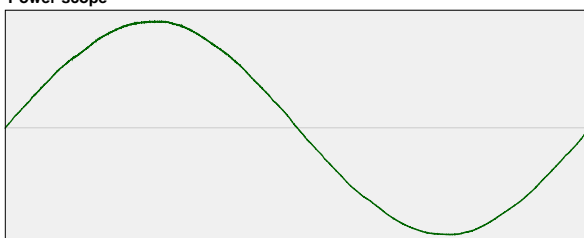
## Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 56.8 cd        | 68.4%                   | 45.6%                  |

## 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 |
| 57lx   | 14lx   | 6lx    | 4lx    | 2lx    | 2lx    | 1lx    | 1lx    | 1lx    | 1lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    |
| 5.3fcd | 1.3fcd | 0.6fcd | 0.3fcd | 0.2fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   |

## Power scope



| Power | Power factor | Power frequency |
|-------|--------------|-----------------|
| - W   | n/a          | {FREQ } Hz      |

| Nominal voltage | Voltage | Current |
|-----------------|---------|---------|
| 230 V           | 132 V   | 0.000 A |