## ZANEEN

## DV00960024MR

```
DATE
```

base number

## DESCRIPTION

Magnitude - CVD96R-24DC - 0-10Vdc dimming (1\%) - 96W - 24Vdc - 120-277Vac - LED power supply
1.To build a product code in our configurator select the specify button on the base model \# product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model \#

## GENERAL

Division: Architectural: Components: LED Drivers

## PHYSICAL

Length (mm): 191.6
Length (in): $7^{35 / 64}$
Width (mm): 60
Width (in): $2^{23 / 64}$
Height (mm): 35
Height (in): $1^{3 /}$
Fixture Material: Metal

## ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 0-96
Dimming: 0-10V Dimming to $1 \%$
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120-277
Output Voltage (V): 24
Constant Voltage (V): 24
LED
Efficiency (\%): >87\%
RATINGS AND CERTIFICATIONS
Certified By: UL Listed
IP rating: IP66


## ZANEEN．

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## LEGEND

| $\downarrow$ | floor－mounted | T | pivotable | ＊ | special LED（upon request）RGB，RGBW，tunable， gold＋，meat＋，art＋，fashion＋ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7 | wall and ceiling：recessed and surface mounted | $\circlearrowleft$ | rotating | $\bigcirc$ | warm dim／natural dimming LED |
| $\uparrow$ | ceiling－mounted and wall－mounted | $0 \leqslant$ | illuminate tilted | （4） | rechargeable battery powered |
| $\rightarrow 1$ | wall－mounted | \} | color of suspension cable | $\frac{1}{\text { llll }}$ | fixture with natural vivid LED（upon request） |
| 파 | omni－directional light distribution | $\downarrow$ | length of suspension cable | CRI | color rendering index |
| $\triangle$ | direct light distribution | $\square$ | reflector degree selection | （ ${ }^{\text {K }}$ | color temperature |
| $\square$ | direct／indirect light distribution | 5 s | super spot | （LM） | lumen（luminous flux） |
| 7 | indirect light distribution | － | lens | $\frac{\text { LIM }}{\text { W }}$ | efficacy（lumens per watt） |
| － | asymmetric light distribution | Q | lens pack | UGR | Unified Glare Rating（UGR）range from 5－40 |
| $\bar{\square}$ | aura light distribution | $\bigcirc$ | shine ring | 怱 | marine grade（AISI 316 stainless steel） |
| $\mathbb{P}_{8}$ | round wall or ceiling cut－out | $\bigcirc$ | integrated shine ring with diffuser | （＊） | walk on |
| －${ }^{\text {a }}$ | square wall or ceiling cut－out | － | free individual colors 01－29 | （2） | drive on |
| दड | the supplied jig specifies the cutout dimensions | с́ | individual colors： 00 （free of charge），01－25（extra charge） | －3s | Dark Sky Compliance |
| $\mathrm{O}_{\mathrm{m}} \rightarrow$ | minimum distance（meters）lamp－object | $\checkmark$ | luminaire part to be colored（F1） | G | Americans with Disabilities Act（less than 4＂off the wall located between $27^{\prime \prime}-84^{\prime \prime}$ from floor） |
| £ | recessed depth | $\Delta$ | luminaire part to be colored（F2） | 图袻 | lamp protected against explosion |
| ¢ | ceiling thickness in mm | O | luminaire part to be colored（F3） | （8） | blown glass using traditional methods by master glass blower |
| $\uparrow$ | ceiling thickness selection |  | luminaire part to be colored（F4） | （1）） | acoustic material |
| 佥 | dimmable DP（phase），DV（0－10V），DD（dali），DS （step－dim） | $\square$ | luminaire part to be colored（F5） | $\bigcirc$ | protection class I，protection insulation |
| 5 | included or excluded LED driver／transformer／ control gear | $\square$ | color of 3－circuit adaptor | $\square$ | protection class II，protection insulation |
| $\delta$ | separately switchable | $\bigcirc$ | indirect diffuser | （11） | ETL Certified to UL and CSA Standards |
| －） | sensor | （D） | direct diffuser | （14） | UL Certified to UL and CSA Standards |
| \％ | remote control | 6 | ball－proof（upon request） | © | CSA Certified to UL and CSA Standards |
| 2 | available upon request | （1） | accessory | （2） | Certified for North American Standards |

## IP RATING

| 1220 | protected against ingress of solid bodies greater than 12.5 mm （finger） |
| :---: | :---: |
| 1 1P3） | protected against ingress of solid bodies greater than 2.5 mm protected against sprays of water up to 60 degrees from the vertical（rain） |
| 1940 | protected against ingress of solid bodies greater than 1 mm （wire） no protection against the ingress of moisture |
| 1 P43） | protected against ingress of solid bodies greater than 1 mm （wire） protected against sprays of water up to 60 degrees from the vertical（rain） |
| 1944 | protected against ingress of solid bodies greater than 1 mm （wire） protected against water splashed from all directions |
| $\left.{ }^{1954}\right)$ | protected against limited ingress of dust（wet rooms／covered outdoor areas） protected against water splashed from all directions |
| 1865 ） | protected against ingress of dust protected against jets of water |
| 1806 | protected against ingress of dust <br> protected against powerful jets of water or heavy seas |
| $1{ }^{187}$ ） | protected against ingress of dust <br> protected against immersion of water between $15 \mathrm{~cm}-1 \mathrm{~m}$ for 30 minutes |
| （108） | protected against ingress of dust protected against immersion of water under pressure for long periods |

## IK RATING

| Kor | protected against 0.14 joules impact（equivalent to 0.25 kg mass dropped from $56 \mathrm{~mm}, ~$ |
| :---: | :---: | （kor）above the surface

（102）protected against 0.2 joules impact（equivalent to 0.25 kg mass dropped from 80 mm
（102）above the surface）
（1003）protected against 0.35 joules impact（equivalent to 0.25 kg mass dropped from 140 mm （1K03）above the surface）
IKo4）protected against 0.5 joules impact（equivalent to 0.25 kg mass dropped from 200 mm
above the surface）
（105）protected against 0.7 joules impact（equivalent to 0.25 kg mass dropped from 280 mm
${ }^{1 \times 05}$ above the surface）
（106）protected against 1 joules impact（equivalent to 0.25 kg mass dropped from 400 mm above the surface）
（107）protected against 2 joules impact（equivalent to 0.5 kg mass dropped from 400 mm above
${ }^{1 \times 67}$ ）the surface）
（108）protected against 5 joules impact（equivalent to 1.7 kg mass dropped from 300 mm above U the surface）
（109）protected against 10 joules impact（equivalent to 5.0 kg mass dropped from 200 mm above
${ }^{1009}$ the surface）
（160）protected against 20 joules impact（equivalent to 5.0 kg mass dropped from 400 mm above
the surface）

