# **ZANEEN**<sub>®</sub>

# **D101830- COMPONENTS**

### DVO0250024MF

#### DESCRIPTION

MeanWell - LPF-25D-24 - 1-10Vdc / Resistance / 10V PWM Dimming - 13.86-25W - 24Vdc - 120-277Vac - LED power supply -Used with ENCP5 -Available with IP68-Outdoor Rated -ENCP20, ENCP22

#### GENERAL

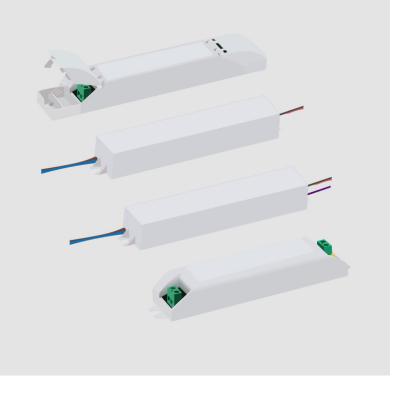
Division: Architectural : Components : LED Drivers

**RATINGS AND CERTIFICATIONS** Certified By: UR Listed IP rating: IP67

#### PHYSICAL

| Length (mm): 151   |
|--|
| Length (in): 5 <sup>15</sup> / <sub>16</sub>   |
| Width (mm): 40   |
| Width (in): 1 <sup>37</sup> / <sub>64</sub>  |
| Height (mm): 32  |
| Height (in): 1 <sup>17</sup> / <sub>64</sub>   |
| Weight (kg): 0.21  |
| Weight (lbs): 0.46   |
| Fixture Material: Plastic  |
| ELECTRICAL   |
|  |
| Lamp Type: LED   |
| Lamp Type: LED<br>Input Wattage (W): 28.8  |
|  |
| Input Wattage (W): 28.8  |
| Input Wattage (W): 28.8<br>Total Output Wattage (W): 13.86-25  |
| Input Wattage (W): 28.8<br>Total Output Wattage (W): 13.86-25<br>Dimming: 1-10V Dimming to 10%   |
| Input Wattage (W): 28.8<br>Total Output Wattage (W): 13.86-25<br>Dimming: 1-10V Dimming to 10%<br>Driver Type: Constant Voltage - Universal  |
| Input Wattage (W): 28.8<br>Total Output Wattage (W): 13.86-25<br>Dimming: 1-10V Dimming to 10%<br>Driver Type: Constant Voltage - Universal<br>Driver Class: Class 2                                 |
| Input Wattage (W): 28.8<br>Total Output Wattage (W): 13.86-25<br>Dimming: 1-10V Dimming to 10%<br>Driver Type: Constant Voltage - Universal<br>Driver Class: Class 2<br>Input Voltage (V): 120 - 277 |

PROJECT TYPE NOTES QUANTITY DATE



Availble for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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# **D101830- COMPONENTS**

## ENCP9

#### DESCRIPTION

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

### GENERAL

Division: Architectural : Components PHYSICAL

### Shape: Rectangle

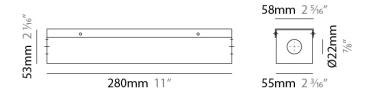
| RATINGS AND CERTIFICATIONS                 |  |
|--|--|
| Fixture Material: Metal                    |  |
| Screws: A4 stainless steel                 |  |
| Height (in): 2 <sup>1</sup> / <sub>8</sub> |  |
| Height (mm): 54                            |  |
| Width (in): 2 <sup>5</sup> / <sub>16</sub> |  |
| Width (mm): 58                             |  |
| Length (in): 11                            |  |
| Length (mm): 280                           |  |
| Shape: Rectangle                           |  |

IP rating: IP20

PROJECT

|  | PROJECT  |
|--|----------|
|  | ТҮРЕ     |
|  | NOTES    |
|  | QUANTITY |
|  | DATE     |





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# **D101830- COMPONENTS**

LEGEND

PROJECT

| PROJECT |  |  |  |  |  |
|---------|--|--|--|--|--|
| TYPE    |  |  |  |  |  |

NOTES QUANTITY

DATE

| ↓             | floor-mounted  | ¥         | pivotable  | *          | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
|---------------|--|-----------|--|------------|--|
| 7             | wall and ceiling: recessed and surface mounted               | U         | rotating   | 0          | warm dim / natural dimming LED   |
| Î             | ceiling-mounted and wall-mounted                             | Œ         | illuminate tilted  | Ø          | rechargeable battery powered   |
| $\rightarrow$ | wall-mounted   | T         | color of suspension cable                                    | 1000 H     | fixture with natural vivid LED (upon request)  |
| Y             | omni-directional light distribution                          | ↓         | length of suspension cable                                   | CRI        | color rendering index  |
| À             | direct light distribution                                    | $\square$ | reflector degree selection                                   | ĸ          | color temperature  |
|               | direct/indirect light distribution                           | s s       | super spot   | LM         | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | *         | lens   | (¥)        | efficacy (lumens per watt)   |
|               | asymmetric light distribution                                | Ð         | lens pack  | UGR        | Unified Glare Rating (UGR) range from 5-40   |
| Ä             | aura light distribution                                      | 0         | shine ring   | 318        | marine grade (AISI 316 stainless steel)  |
| R             | round wall or ceiling cut-out                                | $\odot$   | integrated shine ring with diffuser                          | ٢          | walk on  |
| 5             | square wall or ceiling cut-out                               | Ğ         | free individual colors 01-29                                 | ۲          | drive on   |
| d d           | the supplied jig specifies the cutout dimensions             | Ċ         | individual colors: 00 (free of charge), 01-25 (extra charge) | <b>BSC</b> | Dark Sky Compliance  |
| [+.+<br>™     | minimum distance (meters) lamp - object                      | ۲         | luminaire part to be colored (F1)                            | Ġ          | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| £             | recessed depth   |           | luminaire part to be colored (F2)                            |            | lamp protected against explosion   |
| \$            | ceiling thickness in mm                                      |           | luminaire part to be colored (F3)                            |            | blown glass using traditional methods by master glass blower                                   |
|               | ceiling thickness selection                                  |           | luminaire part to be colored (F4)                            | (ه)        | acoustic material  |
|               | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)    | ۲         | luminaire part to be colored (F5)                            |            | protection class l, protection insulation  |
|               | included or excluded LED driver/transformer/<br>control gear | •         | color of 3-circuit adaptor                                   |            | protection class II, protection insulation   |
| Y             | separately switchable  | $\odot$   | indirect diffuser  |            | ETL Certified to UL and CSA Standards  |
| <b>IJ</b>     | sensor   | D         | direct diffuser  | c.W.us     | UL Certified to UL and CSA Standards   |
| Ĩ             | remote control   | $\odot$   | ball-proof (upon request)                                    | <b>(</b>   | CSA Certified to UL and CSA Standards  |
| 2             | available upon request                                       | U         | accessory  | Z          | Certified for North American Standards   |

## **IP RATING**

| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|------|--|
| IP33 | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| 1954 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| 1965 | protected against ingress of dust<br>protected against jets of water   |
| 1966 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

## **IK RATING**

| КО1  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|------|---|
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
| КОЗ  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
| КО5  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
| КОб  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above<br>the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
| КОВ  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
| 1609 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |

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