

DND0900024MF

base number

DESCRIPTION

MeanWell / LPF-90-24 - Non-dimming - 90W - 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): 161mm

Width (mm): 61mm

Height (mm): 36mm

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 22.8-90

Dimming: Non-Dimmable

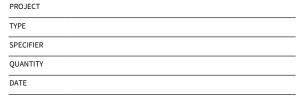
Driver Type: Constant Voltage - Universal

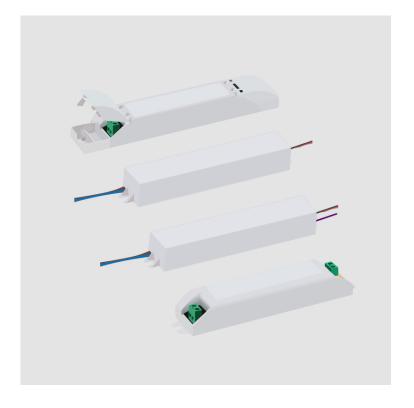
Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

Constant Voltage (V): 24









| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |

LEGEND

| | | ¥ | | | |
|----------------|--|----------|--|--------------|--|
| <u></u> 1 | _ floor-mounted | | pivotable | ⊛ | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| 7 | wall and ceiling: recessed and surface mounted | | rotating | 0 | warm dim / natural dimming LED |
| <u> </u> | ceiling-mounted and wall-mounted | | illuminate tilted | 0 | rechargeable battery powered |
| → \ | wall-mounted | I | color of suspension cable | 71400 | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | → | length of suspension cable | CRI | color rendering index |
| | direct light distribution | | reflector degree selection | (K) | color temperature |
| X | direct/indirect light distribution | s s | super spot | (X) | lumen (luminous flux) |
| M | indirect light distribution | * | lens | (₹ | efficacy (lumens per watt) |
| T a | asymmetric light distribution | 8 | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| | aura light distribution | 0 | shine ring | € | marine grade (AISI 316 stainless steel) |
| 3 | round wall or ceiling cut-out | 0 | integrated shine ring with diffuser | 3 | walk on |
| △ | square wall or ceiling cut-out | Ċ | free individual colors 01-29 | ② | drive on |
| c√c t | the supplied jig specifies the cutout dimensions | C | individual colors: 00 (free of charge), 01-25 (extra charge) | OSC | Dark Sky Compliance |
| d | minimum distance (meters) lamp - object | ♦ | luminaire part to be colored (F1) | Ġ | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| <u>+</u> | recessed depth | | luminaire part to be colored (F2) | | lamp protected against explosion |
| 1 | ceiling thickness in mm | | luminaire part to be colored (F3) | | blown glass using traditional methods by master glass blower |
| 1 | ceiling thickness selection | | luminaire part to be colored (F4) | | acoustic material |
| <u> </u> | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | • | luminaire part to be colored (F5) | | protection class I, protection insulation |
| i i | included or excluded LED driver/transformer/ control gear | • | color of 3-circuit adaptor | | protection class II, protection insulation |
| ک ہ | separately switchable | \odot | indirect diffuser | | ETL Certified to UL and CSA Standards |
| • <i>y</i>) s | sensor | 0 | direct diffuser | ։ (Մ) us | UL Certified to UL and CSA Standards |
| (i) | remote control | 0 | ball-proof (upon request) | (B) | CSA Certified to UL and CSA Standards |
| 7 | available upon request | 0 | accessory | \mathbf{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 protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| IP65 | protected against ingress of dust protected against jets of water |
| IP66 | protected against ingress of dust protected against powerful jets of water or heavy seas |
| IP67 | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
| IP68 | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

above the surface)

| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
|-------------|---|
| ІКОЗ | 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) |
| IK05 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| 1K06 | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$ |
| IKOB | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm