

## E12I0010- COMPONENTS

### DND0100024HA

#### DESCRIPTION

Hatch - LV10-24N-120-A - Non-dimming - 10W - 24Vdc - 120Vac - LED power supply -Used with ENCP4 -Available with IP68- Outdoor Rated -ENCP20, ENCP22

#### GENERAL

Division: Architectural : Components : LED Drivers

#### PHYSICAL

Length (mm): 68.6

Length (in): 2 <sup>11</sup>/<sub>16</sub>

Width (mm): 33

Width (in): 1 <sup>7</sup>/<sub>32</sub>

Height (mm): 20.3

Height (in): 7/32

Fixture Material: Plastic

#### ELECTRICAL

Lamp Type: LED

Input Wattage (W): 13

Total Output Wattage (W): 5.68-10

Dimming: Non-Dimmable

Driver Type: Constant Voltage - 120Vac

Driver Class: Class 2

Input Voltage (V): 120

Output Voltage (V): 24

#### RATINGS AND CERTIFICATIONS

Certified By: UR Listed

IP rating: Dry / Damp



## E12I0010- COMPONENTS

PROJECT

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### DND0120024HY

#### DESCRIPTION

Hatch - LV12-24N-UNV-Y - Non-dimming - 12W - 24Vdc - 120-277Vac - LED power supply -Used with ENCP4 -Available with IP68-Outdoor Rated -ENCP20, ENCP22

#### GENERAL

Division: Architectural : Components : LED Drivers

#### PHYSICAL

Length (mm): 75.9

Length (in): 3

Width (mm): 31.2

Width (in): 1 <sup>7</sup>/<sub>32</sub>

Height (mm): 24

Height (in): 1

Fixture Material: Plastic

#### ELECTRICAL

Input Wattage Range: 10 - 19 W

Lamp Type: LED

Input Wattage (W): 12

Total Output Wattage (W): 4.32-12

Dimming: Non-Dimmable

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

#### RATINGS AND CERTIFICATIONS

Certified By: UR Listed

IP rating: Dry / Damp



## E12I0010- COMPONENTS

### DPH0300024EL

#### DESCRIPTION

EMCOD - MLE30-24DC - Phase dimming (LE / TE) @120Vac only - 1.2-30W - 24Vdc - 120-277Vac - (Outdoor) LED power supply w/UL approved enclosure

#### GENERAL

Division: Architectural : Components : LED Drivers

#### PHYSICAL

Length (mm): 165.1

Length (in): 6 1/2

Width (mm): 91.95

Width (in): 3 5/8

Height (mm): 25.9

Height (in): 1

Weight (kg): 0.09

Weight (lbs): 0.21

Fixture Material: Metal

#### ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 1.5-30

Dimming: Phase Dimming (120Vac Only)

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

#### LED

Efficiency (%): 90

#### RATINGS AND CERTIFICATIONS

Certified By: UL Listed

IP rating: Dry / Damp



## E12I0010- COMPONENTS

### DVO0160024MF

#### DESCRIPTION

MeanWell - LPF-16D-24 - 1-10Vdc / Resistance / 10V PWM  
Dimming - 5.28-16.08W - 24Vdc - 120-277Vac - LED power supply  
-Used with ENCP5 -Available with IP68-Outdoor Rated -ENCP20,  
ENCP22

#### GENERAL

Division: Architectural

#### PHYSICAL

Length (mm): 151

Length (in):  $5 \frac{15}{16}$

Width (mm): 40

Width (in):  $1 \frac{37}{64}$

Height (mm): 32

Height (in):  $1 \frac{17}{64}$

Weight (kg): 0.21

Weight (lbs): 0.46

Fixture Material: Plastic

#### ELECTRICAL

Lamp Type: LED

Input Wattage (W): 18

Total Output Wattage (W): 5.28- 16.08

Dimming: 1-10V Dimming to 10%

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

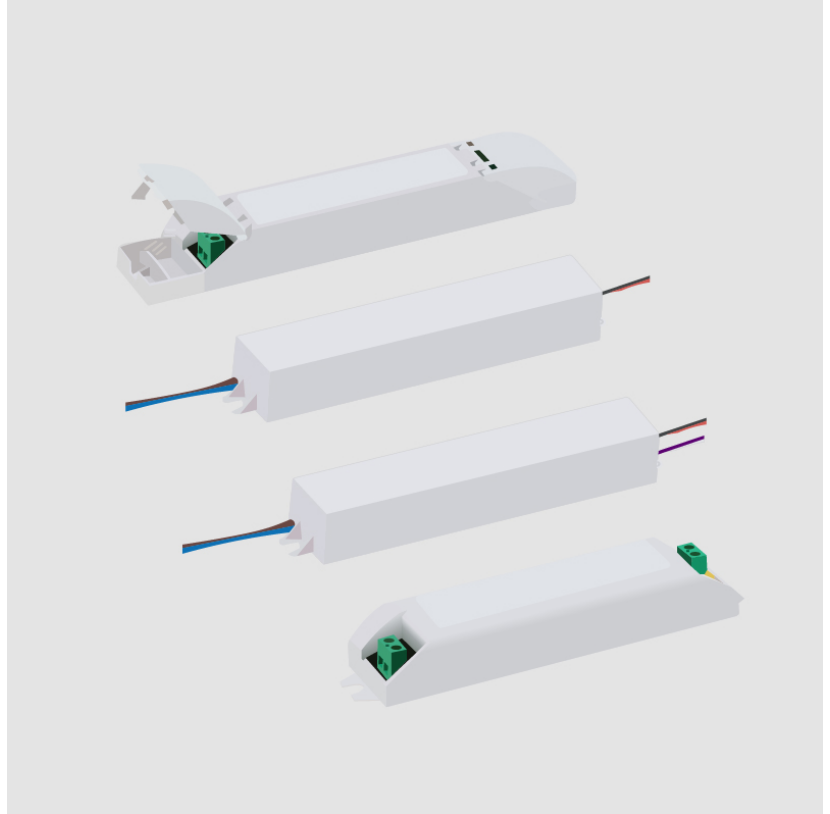
Output Voltage (V): 24

Constant Voltage (V): 13.2-24

#### RATINGS AND CERTIFICATIONS

Certified By: UR Listed

IP rating: IP30



## E12I0010- COMPONENTS

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| PROJECT  |  |
| TYPE     |  |
| NOTES    |  |
| QUANTITY |  |
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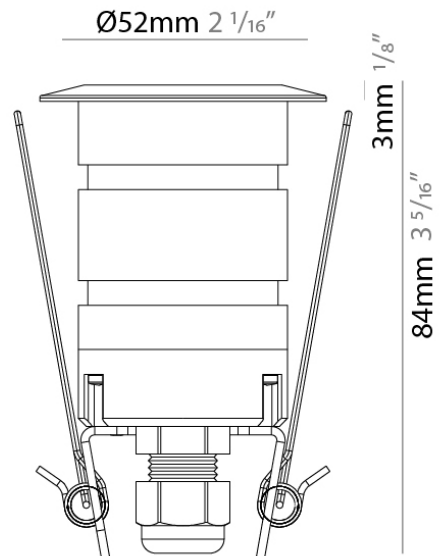
### E12A0020

**DESCRIPTION**  
 Caliber 52 - Fixing springs

**GENERAL**  
 Series: Terra  
 Partner: Unonovesette  
 Division: Exterior

**PHYSICAL**  
 Fixture Material: Metal

**RATINGS AND CERTIFICATIONS**  
 Certified By: Certified for North American Standards  
 IP rating: IP68



## E12I0010- COMPONENTS

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| PROJECT  | _____ |
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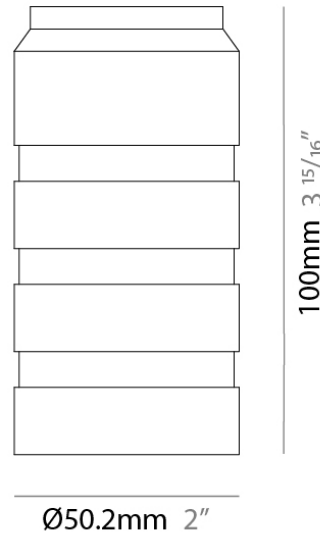
### E12A0021

**DESCRIPTION**  
Caliber 52 - Plastic Housing box

**GENERAL**  
Series: Terra  
Subseries: Terra 52  
Partner: Unonovesette  
Division: Exterior

**PHYSICAL**  
Diameter (mm): 50.2  
Diameter (in): 2  
Height (mm): 100  
Height (in): 3 <sup>15</sup>/<sub>16</sub>  
Fixture Material: Plastic

**RATINGS AND CERTIFICATIONS**  
Certified By: Certified for North American Standards  
IP rating: IP68



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## E12I0010- COMPONENTS

### E12A0074

#### DESCRIPTION

0/1-10V dimmer fader sequencer - input 12/24/48Vdc - 1 ch. - Constant Voltage (Required for 0-10V dimming. To be used with Non Dimming Driver)

#### GENERAL

Partner: Unonovesette

Division: Exterior

#### PHYSICAL

Length (mm): 58

Length (in): 2 <sup>5</sup>/<sub>16</sub>

Width (mm): 45

Width (in): 1 <sup>3</sup>/<sub>4</sub>

Height (mm): 25

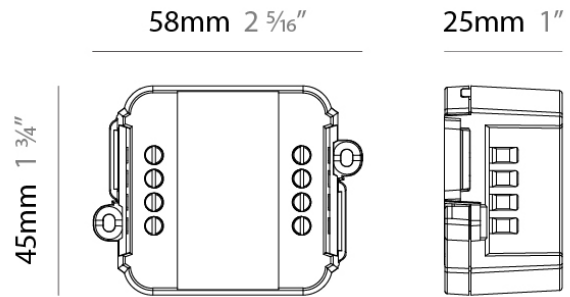
Height (in): 1

Fixture Material: Plastic

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68



## E12I0010- COMPONENTS

PROJECT

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### E12A0075

#### DESCRIPTION

DALI dimmer fader sequencer input - 12/24/48Vdc 1 ch. constant voltage (Required for DALI dimming. To be used with Non Dimming Driver)

#### GENERAL

Partner: Unonovesette

Division: Exterior

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68



## E12I0010- COMPONENTS

### E12A0076

#### DESCRIPTION

DALI dimmer fader sequencer input - 12/24/48Vdc 1 ch. constant voltage - IP67 (Required for DALI dimming. To be used with Non Dimming Driver)

#### GENERAL

Partner: Unonovesette

Division: Exterior

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

PROJECT

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## E12I0010- COMPONENTS

### E12A0084

#### DESCRIPTION

Caliber Wall / Wall Q - IP Housing box

#### GENERAL

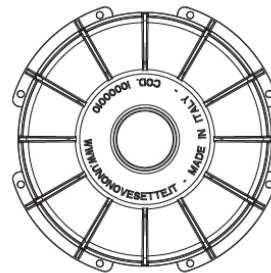
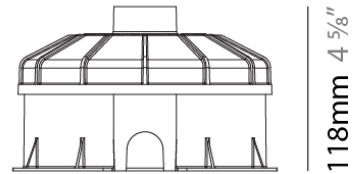
Series: Terra  
 Partner: Unonovesette  
 Division: Exterior

#### PHYSICAL

Diameter (mm): 200  
 Diameter (in): 7 <sup>7</sup>/<sub>8</sub>  
 Height (mm): 118  
 Height (in): 4 <sup>5</sup>/<sub>8</sub>  
 Fixture Material: Plastic

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
 IP rating: IP68



Ø200mm 7 <sup>7</sup>/<sub>8</sub>"



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## E12I0010- COMPONENTS

### ENCP4

#### DESCRIPTION

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

#### GENERAL

Division: Architectural

#### PHYSICAL

Shape: Rectangle

Length (mm): 92

Length (in): 3 <sup>5</sup>/<sub>8</sub>

Width (mm): 68

Width (in): 2 <sup>11</sup>/<sub>16</sub>

Height (mm): 40

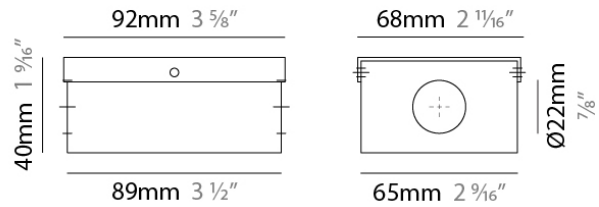
Height (in): 1 <sup>9</sup>/<sub>16</sub>

Screws: A4 stainless steel

Fixture Material: Metal

#### RATINGS AND CERTIFICATIONS

IP rating: IP20



## E12I0010- COMPONENTS

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|----------|-------|
| PROJECT  | _____ |
| TYPE     | _____ |
| NOTES    | _____ |
| QUANTITY | _____ |
| DATE     | _____ |

### ENCP9

#### DESCRIPTION

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

#### GENERAL

Division: Architectural : Components

#### PHYSICAL

Shape: Rectangle

Length (mm): 280

Length (in): 11

Width (mm): 58

Width (in): 2 <sup>5</sup>/<sub>16</sub>

Height (mm): 54

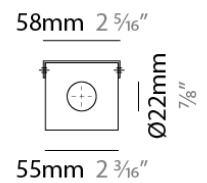
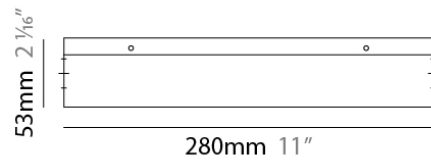
Height (in): 2 <sup>1</sup>/<sub>8</sub>

Screws: A4 stainless steel

Fixture Material: Metal

#### RATINGS AND CERTIFICATIONS

IP rating: IP20



### LEGEND

|  |   |   |  |   |  |
|--|---|---|--|---|--|
|    | floor-mounted   |    | pivotal  |    | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+                    |
|    | wall and ceiling: recessed and surface mounted            |    | rotating   |    | warm dim / natural dimming LED   |
|    | ceiling-mounted and wall-mounted                          |    | illuminate tilted  |    | rechargeable battery powered   |
|    | wall-mounted  |    | color of suspension cable                                    |    | fixture with natural vivid LED (upon request)  |
|    | omni-directional light distribution                       |    | length of suspension cable                                   |    | color rendering index  |
|    | direct light distribution                                 |    | reflector degree selection                                   |    | color temperature  |
|    | direct/indirect light distribution                        |    | super spot   |    | lumen (luminous flux)  |
|    | indirect light distribution                               |    | lens   |    | efficacy (lumens per watt)   |
|    | asymmetric light distribution                             |    | lens pack  |    | Unified Glare Rating (UGR) range from 5-40   |
|    | aura light distribution                                   |    | shine ring   |    | marine grade (AISI 316 stainless steel)  |
|    | round wall or ceiling cut-out                             |    | integrated shine ring with diffuser                          |    | walk on  |
|    | square wall or ceiling cut-out                            |    | free individual colors 01-29                                 |    | drive on   |
|    | the supplied jig specifies the cutout dimensions          |    | individual colors: 00 (free of charge), 01-25 (extra charge) |    | Dark Sky Compliance  |
|    | minimum distance (meters) lamp - object                   |    | luminaire part to be colored (F1)                            |    | 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)                            |  | acoustic material  |
|  | dimnable DP (phase), DV (0-10V), DD (dali), DS (step-dim) |  | luminaire part to be colored (F5)                            |  | protection class I, protection insulation  |
|  | included or excluded LED driver/transformer/control gear  |  | color of 3-circuit adaptor                                   |  | protection class II, protection insulation   |
|  | separately switchable                                     |  | indirect diffuser  |  | ETL Certified to UL and CSA Standards  |
|  | sensor  |  | direct diffuser  |  | UL Certified to UL and CSA Standards   |
|  | remote control  |  | ball-proof (upon request)                                    |  | CSA Certified to UL and CSA Standards  |
|  | available upon request                                    |  | accessory  |  | Certified for North American Standards   |

### IP RATING

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

### IK RATING

|   |   |
|---|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
|  | 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)    |