ZANEEN®

E12I0011- COMPONENTS

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 $\frac{7}{32}$

Height (mm): 24

Height (in): 1

Fixture Material: Plastic

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 16

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

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E12I0011- 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 $\frac{1}{2}$

Width (mm): 91.95

Width (in): 3 $\frac{5}{8}$

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
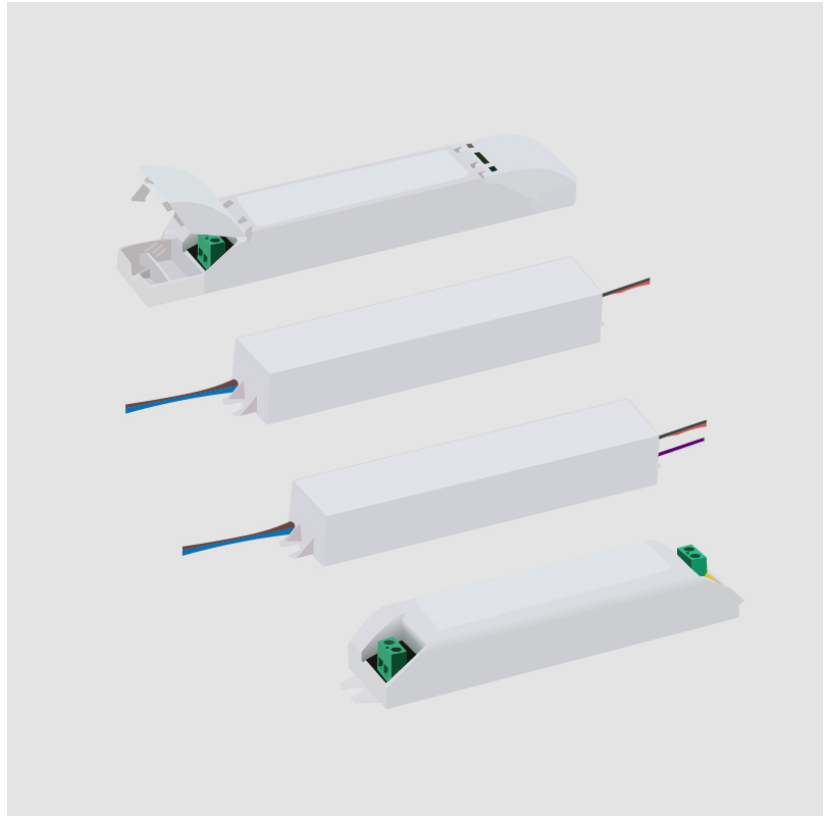
Output Voltage (V): 24

LED

Efficiency (%): 90

RATINGS AND CERTIFICATIONS

Certified By: UL Listed

IP rating: Dry / Damp

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E12I0011- 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
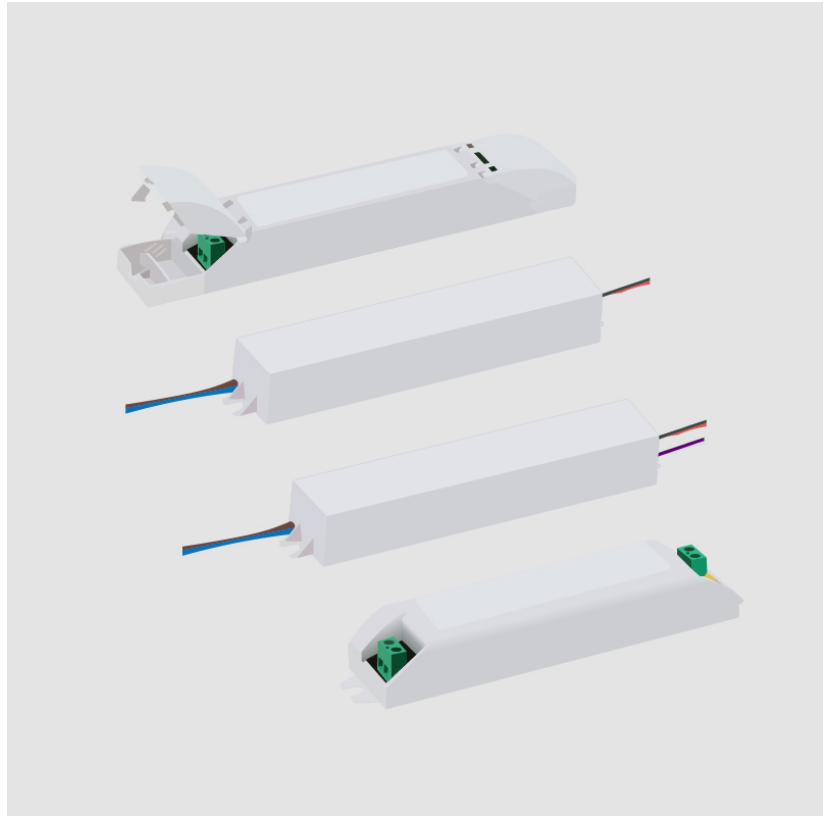
Driver Class: Class 2

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

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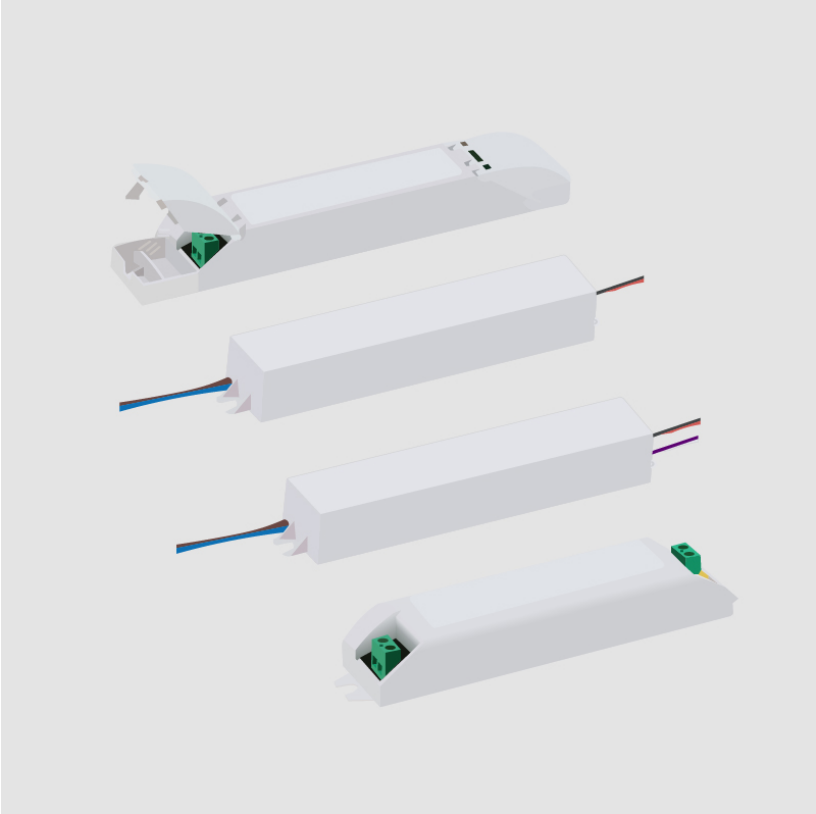## E12I0011- COMPONENTS

DVO0300024MUL-E

DESCRIPTION

Magnitude - CVD30L24DC - 0-10Vdc Dimming (1%) - 30W - 24Vdc - 120-277Vac - LED power supply w/UL Listed Enclosure

GENERAL

Division: Architectural : Components : LED Drivers

PHYSICAL

Length (mm): 290

Length (in): 11 $\frac{27}{64}$

Width (mm): 59.9

Width (in): 2 $\frac{23}{64}$

Height (mm): 35

Height (in): 1 $\frac{3}{8}$

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 0-30

Dimming: 0-10V Dimming to 1%

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Output Voltage (V): 24

RATINGS AND CERTIFICATIONS

Certified By: UL Listed

IP rating: IP65

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E12I0011- COMPONENTS
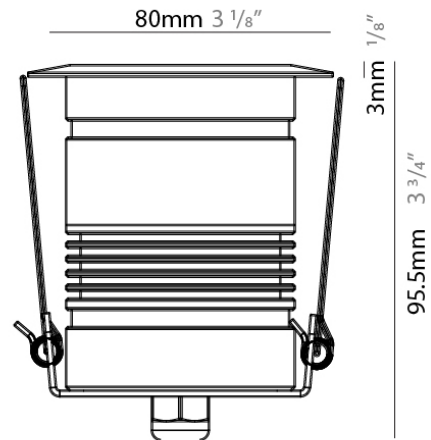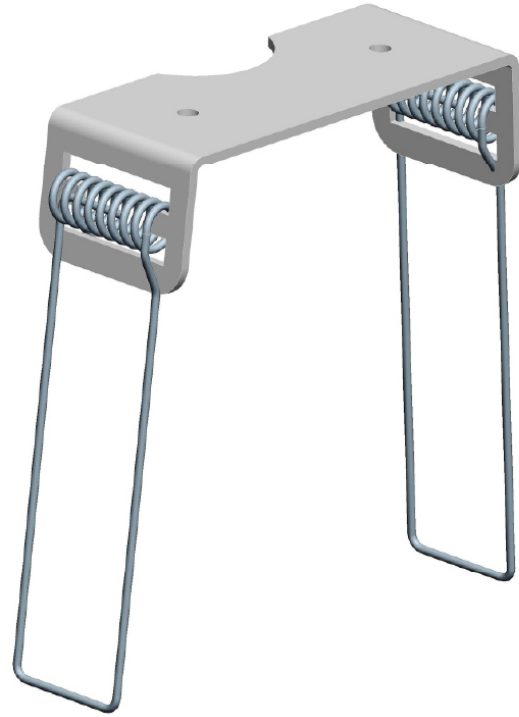
E12A0027

DESCRIPTION

Caliber 80 - Wall - Fixing springs

GENERAL

Series: Caliber

Brand: Unonovesette

Division: Exterior

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

80mm 3 1/8"

3mm 1/8"

95.5mm 3 3/4"

E

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E12I0011- COMPONENTS

E12A0028

DESCRIPTION

Caliber 80 - Housing box

GENERAL

Series: Caliber
Subseries: Caliber 80
Brand: Unonovesette
Division: Exterior

PHYSICAL

Diameter (mm): 75
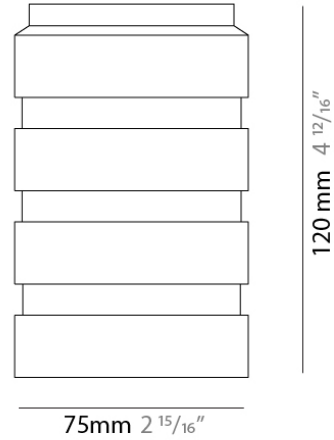Diameter (in): 2 $\frac{15}{16}$
Height (mm): 120
Height (in): 4 $\frac{3}{4}$
Fixture Material: Plastic

RATINGS AND CERTIFICATIONS

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

120 mm 4 $\frac{12}{16}$"

75mm 2 $\frac{15}{16}$"

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E12I0011- 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

Brand: Unonovesette

Division: Exterior

PHYSICAL

Length (mm): 58

Length (in): 2 $\frac{5}{16}$

Width (mm): 45

Width (in): 1 $\frac{3}{4}$

Height (mm): 25

Height (in): 1

Fixture Material: Plastic

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

58mm 2 $\frac{5}{16}$"   25mm 1"

45mm 1 $\frac{3}{4}$"

E

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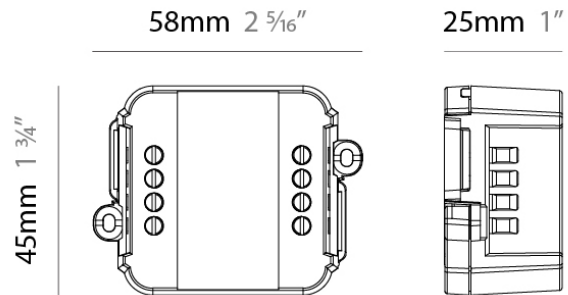
E12I0011- COMPONENTS

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

Brand: Unonovesette

Division: Exterior

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

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E12I0011- 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

Brand: Unonovesette

Division: Exterior

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68

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E12I0011- COMPONENTS

ENCP4

DESCRIPTION

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

GENERAL

Division: Architectural

PHYSICAL

Shape: Rectangle

Length (mm): 92

Length (in): 3 ⅝

Width (mm): 68

Width (in): 2 ¹¹⁄₁₆

Height (mm): 40

Height (in): 1 ⁹⁄₁₆

Screws: A4 stainless steel

Fixture Material: Metal

RATINGS AND CERTIFICATIONS

IP rating: IP20

40mm 1 ⁹⁄₁₆"   92mm 3 ⅝"   68mm 2 ¹¹⁄₁₆"   Ø22mm ⅞"
89mm 3 ½"   65mm 2 ⁹⁄₁₆"

Ⓐ

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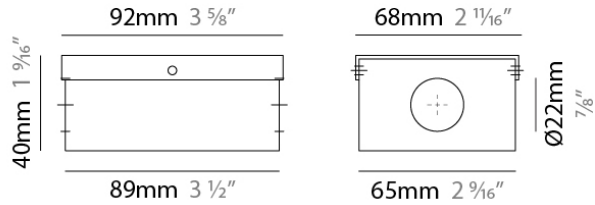
E12I0011- COMPONENTS

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 $\frac{5}{16}$

Height (mm): 54

Height (in): 2 $\frac{1}{8}$

Screws: A4 stainless steel

Fixture Material: Metal

RATINGS AND CERTIFICATIONS

IP rating: IP20

53mm 2 $\frac{1}{16}$"

280mm 11"

58mm 2 $\frac{5}{16}$"

Ø22mm $\frac{7}{8}$"

55mm 2 $\frac{3}{16}$"

Availble for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

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E12I0011- COMPONENTS

LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
↓	floor-mounted	▽	pivotable	✱	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	CRI	color rendering index
▲	direct light distribution	⌂	reflector degree selection	°K	color temperature
⬖	direct/indirect light distribution	s|s	super spot	LM	lumen (luminous flux)
⬗	indirect light distribution	⚡	lens	LM/W	efficacy (lumens per watt)
◣	asymmetric light distribution	⊛	lens pack	UGR	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)	DSC	Dark Sky Compliance
⊕↔ M	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
☰	dimmable 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

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

IK01	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)
IK03	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)
IK06	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)
IK08	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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