

E12S0002- COMPONENTS

DAL20150SETTC

DESCRIPTION

TCI - MINIJOLLY DALI 20 - DALI Dimming - 2-15W - 250-700mA or 24Vdc - 120Vac - LED power supply / P/N: 125403 -Used with ENCP13 -Available with IP68-Outdoor Rated -ENCP20, ENCP22

GENERAL

Division: Architectural : Components : LED Drivers

PHYSICAL

Shape: Rectangle

Length (mm): 115

Length (in): 4 ½

Width (mm): 52

Width (in): 2

Height (mm): 22

Height (in): 7/8

Weight (kg): 0.11

Weight (lbs): 0.24

Fixture Finish: BLK

Fixture Material: Plastic

ELECTRICAL

Lamp Type: LED

Total Output Wattage (W): 0.7-15

Dimming: Dali Dimming

Driver Type: Constant Current / Constant Voltage - 120Vac

Driver Class: Class 2

Input Voltage (V): 120

Constant Current (MA): 250-700

Constant Voltage (V): 3-49 Dependent on Switch

LED

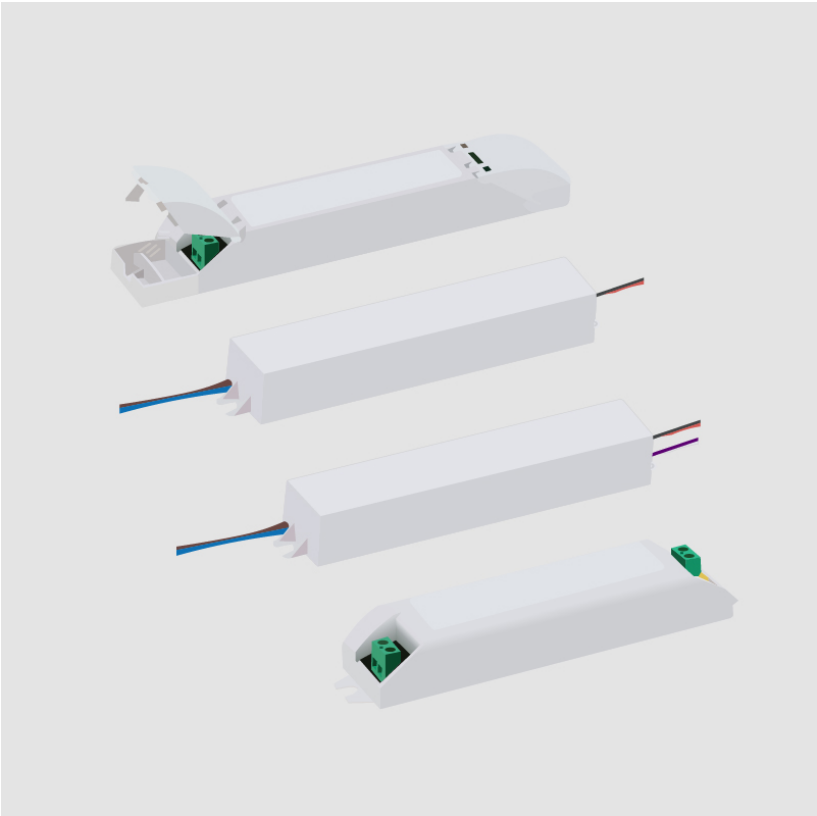
Efficiency (%): 92

RATINGS AND CERTIFICATIONS

Certified By: UR Listed

IP rating: Dry / Damp

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| PROJECT  |
| TYPE     |
| NOTES    |
| QUANTITY |
| DATE     |



E12S0002- 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 7/32

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

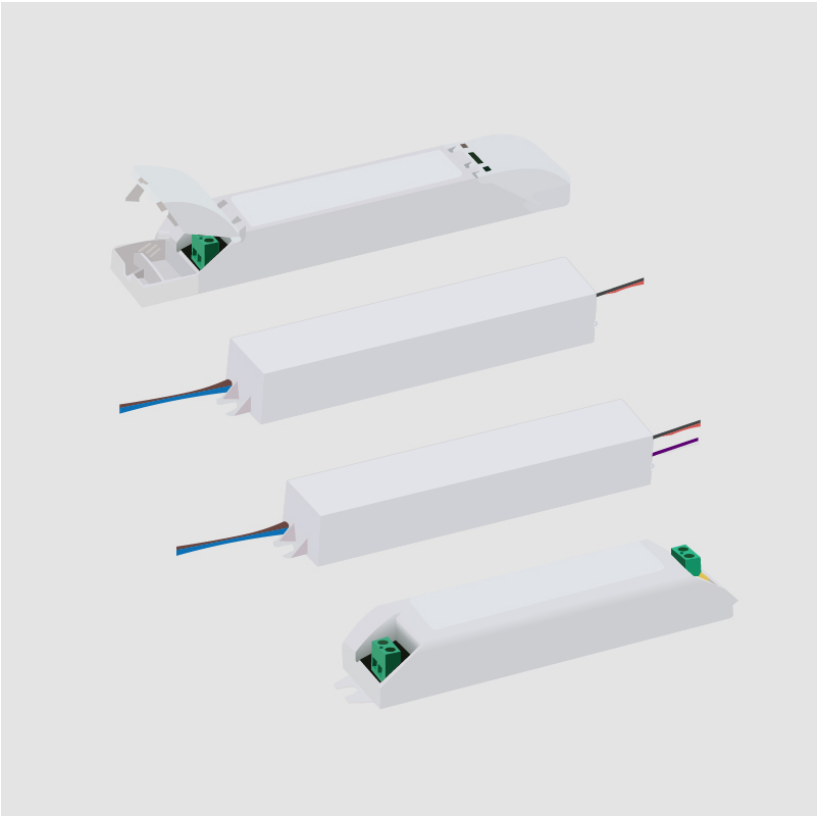
Output Voltage (V): 24

RATINGS AND CERTIFICATIONS

Certified By: UR Listed

IP rating: Dry / Damp

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| PROJECT  |
| TYPE     |
| NOTES    |
| QUANTITY |
| DATE     |



E12S0002- 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 15/16  
Width (mm): 40  
Width (in): 1 37/64  
Height (mm): 32  
Height (in): 1 17/64  
Weight (kg): 0.21  
Weight (lbs): 0.46  
Fixture Material: Plastic

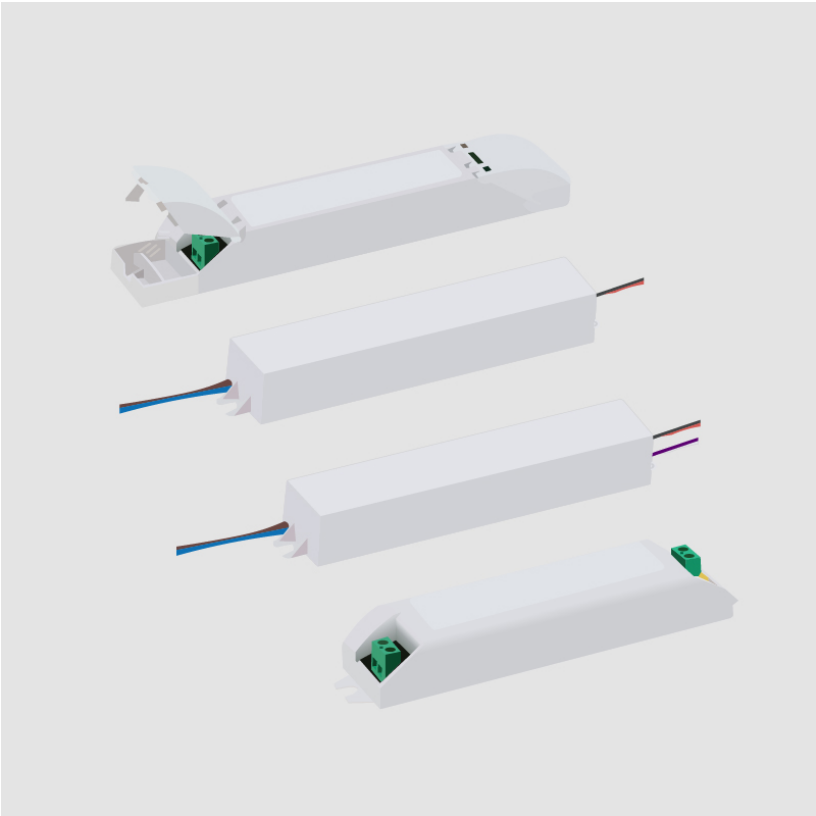
ELECTRICAL

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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| PROJECT  |
| TYPE     |
| NOTES    |
| QUANTITY |
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E12S0002- COMPONENTS

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| PROJECT  |
| TYPE     |
| NOTES    |
| QUANTITY |
| DATE     |

ENCP13

DESCRIPTION

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

GENERAL

Division: Architectural : Components

PHYSICAL

Shape: Rectangle

Length (mm): 203

Length (in): 8

Width (mm): 68

Width (in): 2 11/16

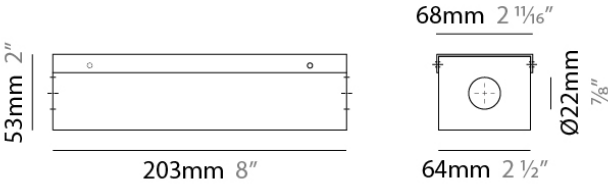
Height (mm): 54

Height (in): 2 1/8

Fixture Material: Metal

RATINGS AND CERTIFICATIONS

IP rating: IP20



E12S0002- COMPONENTS

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| PROJECT  |  |
| TYPE     |  |
| NOTES    |  |
| QUANTITY |  |
| DATE     |  |

ENCP20

DESCRIPTION

Polycarbonate - IP68 - Outdoor Rated - UL listed - Power Supply Enclosure in Light Gray

GENERAL

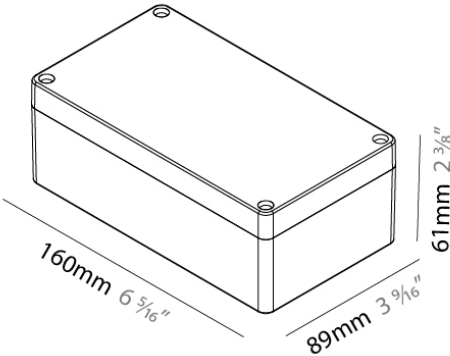
Division: Architectural : Components

PHYSICAL

- Shape: Rectangle
- Length (mm): 160
- Length (in): 6 5/16
- Width (mm): 90
- Width (in): 3 9/16
- Height (mm): 61
- Height (in): 2 3/8
- Weight (kg): 0.24
- Weight (lbs): 0.53
- Screws: A4 stainless steel
- Gasket: 1554JGASKET
- Fixture Material: Plastic

RATINGS AND CERTIFICATIONS

- Certified By: UL Listed
- IP rating: IP68



E12S0002- COMPONENTS

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| PROJECT  |  |
| TYPE     |  |
| NOTES    |  |
| QUANTITY |  |
| DATE     |  |

ENCP22

DESCRIPTION

Polycarbonate - IP68 - Outdoor Rated - UL listed - Power Supply Enclosure in Light Gray

GENERAL

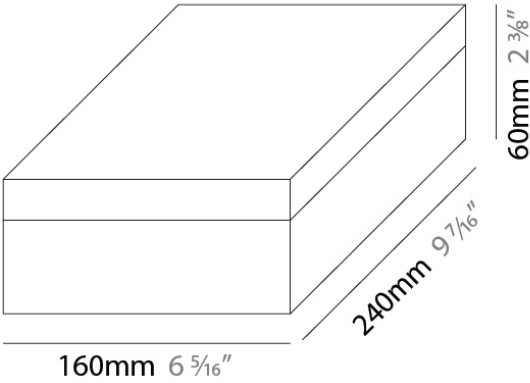
Division: Architectural : Components

PHYSICAL

- Shape: Rectangle
- Length (mm): 238.8
- Length (in): 9 13/32
- Width (mm): 160
- Width (in): 6 5/16
- Height (mm): 60
- Height (in): 2 3/8
- Weight (kg): 0.51
- Weight (lbs): 1.14
- Screws: A4 stainless steel
- Gasket: 1554VAGASKET
- Fixture Material: Plastic

RATINGS AND CERTIFICATIONS

- Certified By: UL Listed
- IP rating: IP68



E12S0002- COMPONENTS

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| PROJECT  |
| TYPE     |
| NOTES    |
| QUANTITY |
| DATE     |

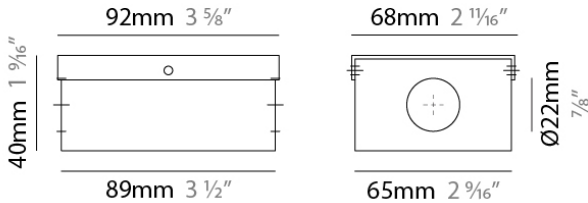
ENCP4

**DESCRIPTION**  
Empty Metal Enclosure for Driver - IP20 - Indoor Rated

**GENERAL**  
Division: Architectural

**PHYSICAL**  
Shape: Rectangle  
Length (mm): 92  
Length (in): 3 5/8  
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



E12S0002- COMPONENTS

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| PROJECT  |
| TYPE     |
| NOTES    |
| QUANTITY |
| DATE     |

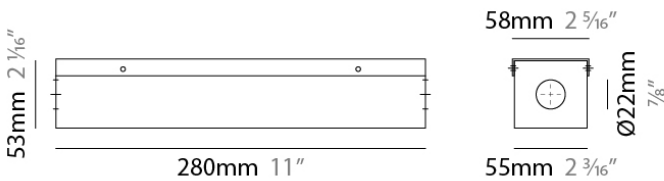
ENCP9

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 5/16  
Height (mm): 54  
Height (in): 2 1/8  
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                                                                              |
|  | 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

|  |                                                                                                                                                  |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 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)    |