

Job/Location: _____
 Contractor: _____
 Prepared By: _____

Job Type: _____
 Date: _____

■ The C1D2 COMBO has been designed for use in harsh and hazardous environments.

Housing: Constructed from durable fiberglass, the NEMA 4X rated housing features integrated stainless steel mounting feet, a hinged front access panel/door and is offered in a neutral gray color.

The exit face is clearly illuminated with high efficiency red or green LEDs.

■ The C1D2 COMBO features a stainless breather to provide safe and effective unit ventilation.

NOTE: 3 year warranty standard, see details on next page.



■ **Installation:** The C1D2 COMBO is designed for surface wall mounting. Four stainless steel mounting feet provide simple, secure and accurate installation.

■ The C1D2 COMBO is approved for use in Class I, Division 2, Groups A, B, C and D: T2B area classification. In addition, the C1D2 COMBO is also suitable for Class I, Zone 2, IIA, IIB & IIC: T1 & T2 area classification.

The C1D2 COMBO features top mounted weather proof Par36 style emergency heads are fully adjustable for precise positioning.

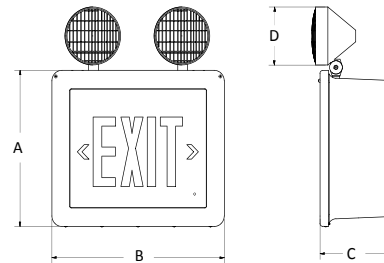
LED status indicator and magnetic test switch

■ specifications: internal

The C1D2 COMBO has a standard 120/277VAC universal input. The solid state, high efficiency, dual rate charger provides precise float voltage control and incorporates a low voltage disconnect for optimum protection. High performance red or green LEDs properly illuminate the face.

■ specifications: external

The durable NEMA 4X fiberglass enclosure is corrosion and vandal resistant. The housing is fully gasketed and is supplied standard in an industrial gray finish. The C1D2 COMBO can be surface mounted on a wall. Magnetic test switch and LED status indicator are standard.



| Series | A | B | C | D |
|--------|-------|-------|-------|-------|
| C1D2-C | 13.5" | 15.5" | 6.25" | 5.25" |
| | 343mm | 394mm | 159mm | 140mm |

■ ordering logic

| Series | Operation | Capacity (select Pb-A or Ni-Cd) | LED | Face No. | Emergency Heads | Lamps | Options | |
|--------|-----------|---------------------------------|----------------------|------------|--------------------|--------------------|---|--|
| C1D2-C | 6 (6V) | Pb-A | Ni-Cd ^[1] | LR (red) | 1 (single) | 4LR (quad PAR36) | See lamps | AT (autotest) |
| | 12 (12V) | 36 (6V, 12V) | 42 (6V, 12V) | LG (green) | | 3LR (triple PAR36) | selection on | NC ^[2] (nickel-cadmium battery) |
| | | 60 (6V, 12V) | 54 (6V) | | 2LR (double PAR36) | next page | TD (time delay- specify 5, 10, 20 mins) | |
| | | 72 (6V, 12V) | 90 (6V, 12V) | | 1LR (single PAR36) | | TP (tamper proof screws) | |
| | | 100 (6V) | 130 (12V) | | 0 (no heads) | | AM (ammeter) | |
| | | 120 (6V, 12V) | | | | | VM (voltmeter) | |
| | | 140 (12V) | | | | | SW (special wording- specify) | |
| | | 160 (12V) | | | | | FAI (fire alarm interface- specify) | |
| | | 180 (12V) | | | | | SMH (side mount heads) | |
| | | | | | | | TC (teflon coating) | |
| | | | | | | WG (wireguard) | | |

[1]NOTE: Must select NC from options when selecting Ni-Cd.

[2]NOTE: NC (select wattage/voltage from Ni-Cd column).

■ builder

| Series | Operation | Capacity (select Pb-A or Ni-Cd) | LED | Face No. | Emergency Heads | Lamps | Options |
|--------|-----------|---------------------------------|-----|----------|-----------------|-------|---------|
| | | | | | | | |

EXAMPLE: C1D2-C-6-36-LG1-2LRWP-6WLEDSB-VM

DESCRIPTION: C1D2 combo, 6V, 36W capacity, green LED, single face, two top mounted heads with 6W LED lamps, voltmeter

■ emergency heads

As standard, the C1D2 COMBO is supplied with two (2) top mounted, weatherproof Par36 style emergency heads. Constructed of high impact thermoplastic and finished in a neutral gray finish. The emergency head design features a locking collar that securely holds the lens in place and facilitates quick re-lamping.

■ specifications: electrical

The C1D2 COMBO is designed with maintenance free, sealed lead acid batteries, providing a minimum emergency duration of 90 minutes. Optional nickel cadmium batteries are available. Recharge time for the batteries is twenty-four (24) hours. Operating temperature 10°C up to 40°C.

The C1D2 COMBO utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. A magnetic test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load, (magnet included).

■ specifications: mechanical

The C1D2 COMBO series housing is constructed from durable, corrosion resistant fiberglass. The NEMA 4X housing is fully gasketed for harsh and hazardous locations. The front access panel/door is hinged for trouble-free installation and maintenance. The C1D2 unit features a stainless steel breather valve that provides efficient ventilation. Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors. These connectors allow for a large gauge of wire to be used increasing the flexibility of installation.

■ autotest

The Mule Autotest feature automatically performs a 5 minute discharge test monthly. Every 6 months, two 90 minute discharge tests are performed 24 hours apart. This tests both the battery capacity and recharge capability. The status of the C1D2 COMBO is communicated clearly with a single, multi-color LED indicator.

■ lamp selection: (ONLY PAR36 STYLE HEADS AVAILABLE)

| | 6V | 12V |
|-------------------------|---------------|---------------|
| Composite Tungsten | 9, 12,18, 22W | 9, 12,18, 22W |
| Sealed Beam LED (LEDSB) | N/A | 6W |

■ model rating guide

| Model | Voltage | Wattage | | | |
|---------------|---------|---------|--------|--------|--------|
| | | 90min | 120min | 180min | 240min |
| C1D2-U-6-36 | 6 | 36 | 27 | 18 | 13 |
| C1D2-U-6-42 | 6 | 42 | 31 | 21 | 15 |
| C1D2-U-6-54 | 6 | 54 | 40 | 27 | 20 |
| C1D2-U-6-60 | 6 | 60 | 45 | 30 | 22 |
| C1D2-U-6-72 | 6 | 72 | 54 | 36 | 27 |
| C1D2-U-6-90 | 6 | 90 | 67 | 45 | 33 |
| C1D2-U-6-100 | 6 | 100 | 75 | 50 | 25 |
| C1D2-U-6-120 | 6 | 120 | 90 | 60 | 45 |
| C1D2-U-12-36 | 12 | 36 | 27 | 18 | 13 |
| C1D2-U-12-42 | 12 | 42 | 31 | 21 | 15 |
| C1D2-U-12-60 | 12 | 60 | 45 | 30 | 22 |
| C1D2-U-12-72 | 12 | 72 | 54 | 36 | 27 |
| C1D2-U-12-90 | 12 | 90 | 67 | 45 | 33 |
| C1D2-U-12-120 | 12 | 120 | 90 | 60 | 45 |
| C1D2-U-12-130 | 12 | 130 | 97 | 65 | 48 |
| C1D2-U-12-140 | 12 | 140 | 105 | 70 | 52 |
| C1D2-U-12-160 | 12 | 160 | 120 | 80 | 60 |
| C1D2-U-12-180 | 12 | 180 | 135 | 90 | 67 |

■ warranty

The C1D2 COMBO comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.